

August 2004

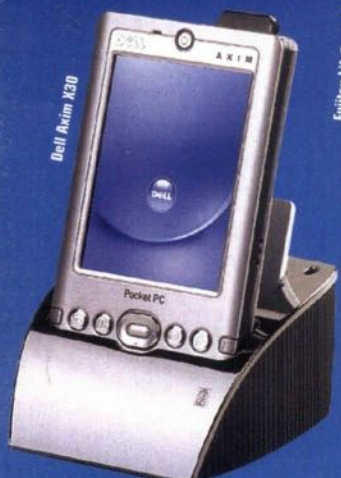
Free

HUB

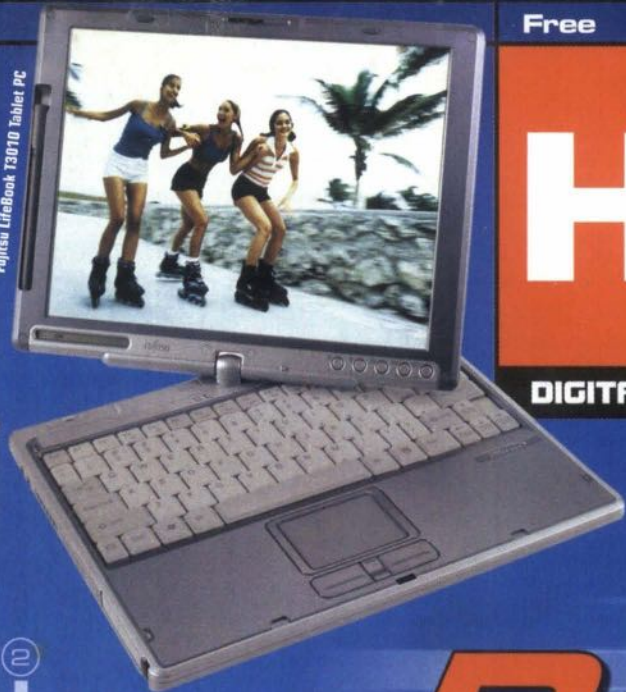
DIGITAL

LIVING

Volume 17 Number 8



Dell Axim X30



Fujitsu LifeBook 13010 Tablet PC



Belkin Navigation System

Digital Road Trip

Digital photography tutorial 7

Compact MP3 players

Photo Contest
Win a Lexmark X5250

Formerly **ComputerPAPER**

In the House	On the Move	Of the Mind	Digital Living
--------------	-------------	-------------	----------------

www.hubcanada.com

NCIX.com

Great Technology, Service & Selection

NETLINK COMPUTER INC.

NEW! Express Shipping Next Business Day Delivery* for orders under 12 pounds.

Starting at only
\$10

NCIX.com's exclusive EXPRESS SHIPPING service, is a value priced next business day delivery service to most locations in Canada.**

Express Shipping offers the fastest possible delivery for your stuff in Canada, at a value price of \$10, \$20 or \$30. If you place your order at NCIX.com before 1PM PST, and all the items you ordered are IN STOCK, you will usually get it the next business day.**



Enter the Savings Code at NCIX.com for special prices



FREE BenQ Scanner



Buy any PC system or barebones computer from NCIX.com before September 15, 2004 and get a FREE BenQ 5250C flatbed scanner, after \$70 manufacturer's rebate.

FREE SHIPPING ON THESE SYSTEMS!

*FREE SHIPPING OFFER GROUND/REGULAR PARCEL SERVICE ONLY. Please allow 3 to 5 business days for order processing on all advertised system, plus shipping time.

NCIX.com recommends Microsoft® Windows XP™ Professional

NCIX PC systems. Amazing quality, outstanding performance and excellent value.

FREE SHIPPING! NCIX PC Vesta v200™ Intel® Pentium® 4 System
\$568
Enter SAVINGS CODE 12140-1028
Add Windows® XP Home - \$119
Add Windows® XP Pro - \$189

- Intel® Pentium® 4 2.8GHz w. HT Technology
- Soltek 85LIR-CL Integrated Motherboard
- 256MB Samsung PC3200 DDR memory
- 40GB Seagate 7200 RPM IDE Hard Drive
- BenQ 56x CD-ROM
- Microsoft® keyboard & mouse
- Antec SLK1600 case with 300 watt Antec PSU

UPGRADE & CONFIGURE THESE SYSTEMS ONLINE

FREE SHIPPING! NCIX PC Vetsa v280™ Intel® Pentium® 4 System
\$999
Enter SAVINGS CODE 12147-1028
Add Windows® XP Home - \$119
Add Windows® XP Pro - \$189

- Intel® Pentium® 4 2.8GHz w. HT Technology
- Intel D865PERL Motherboard
- Radeon 9550 graphics card w. 128MB RAM
- 512MB Samsung PC3200 DDR memory
- 40GB Seagate 7200 RPM IDE Hard Drive
- Lite-On DVD±RW 8x/4x/52x drive
- Microsoft® keyboard & mouse
- Antec SLK1600 case with 300 watt Antec PSU
- Altex Lansing 2213 piece speakers

ALL SYSTEMS INCLUDE 1 YEAR LIMITED WARRANTY

FREE SHIPPING! NCIX PC QUBE 240™ Intel® Pentium® 4 MINI PC System
\$799
Enter SAVINGS CODE 12165-1028
Add Windows® XP Home - \$119
Add Windows® XP Pro - \$189

- Intel® Pentium® 4 2.8GHz processor
- QBC Integrated Small Form Factor PC
- 256MB Samsung PC3200 DDR memory
- 40GB Seagate Hard Drive
- LG GCE-4520B Combo CDRW/DVD drive
- Microsoft® keyboard & mouse



BenQ Monitors

FP767 Black/Silver 17" LCD Display
\$569⁹⁸
Enter SAVINGS CODE 11253-1028

Soltek QBic EQ3401A Mini PC Barebones for Intel Socket 478 CPUs
\$299⁹⁸
Enter SAVINGS CODE 10743-1028

Soltek 75FRN2-L

Socket A nForce 2 Motherboard
\$80⁹⁸
Enter SAVINGS CODE 9013-1028

DFI Infinity nForce 2 Ultra 400 Socket A w. SATA, 1394, Sound & LAN
\$111⁹⁸
Enter SAVINGS CODE 11304-1028

Intel® Pentium® 4 2.8GHz

Retail E Version with 3 Year Warranty
\$239⁹⁸
Enter SAVINGS CODE 11470-1028

800 MHz FSB - The P4 processor provides superior performance for users who demand the latest technology.

ASUS P4P800 DELUXE

i865PE, S478, SATA, 1394, Sound & LAN
\$155⁹⁸
Enter SAVINGS CODE 11909-1028

Asus P4C800-E Deluxe 875P Motherboard S478, SATA RAID, 1394, gig LAN & Sound
\$238⁹⁸
Enter SAVINGS CODE 10050-1028

Powerball! Gyroscopic Wrist and Grip Exerciser

\$18⁹⁸
Enter SAVINGS CODE 12356-1028

DOOM 3 for Windows 94% "a masterpiece!" - PC Gamer
\$59⁹⁸ HOT!
Enter SAVINGS CODE 12304-1028

Antec Computer Cases

SLK3700AMB with 350W Antec PSU
\$88⁹⁸
Enter SAVINGS CODE 9262-1028

Sonata Quiet Case with 375W True Blue power supply
\$129⁹⁸
Enter SAVINGS CODE 11711-1028

Optodisc 4x DVD-R

4.7GB Blank Media / 25 disc cake box
\$18⁹⁸
Enter SAVINGS CODE 11896-1028

Optodisc 8x DVD-R Media 4.7GB Blank Media / 25 disc cake box
\$22⁹⁸
Enter SAVINGS CODE 11233-1028

NEC Dual Layer DVD±RW

ND-2510A 8X/4X/12X w. Software
\$109⁹⁸ OEM
Enter SAVINGS CODE 12130-1028

BenQ DW822A 8x DVD±RW DUAL LAYER Upgradable!
\$78⁹⁸ OEM
Enter SAVINGS CODE 11894-1028

MSI Radeon 9800 Pro

128MB RAM with DVI & Software
\$273⁹⁸
Enter SAVINGS CODE 12289-1028

Leadtek A400TDH GeForce 6800 128MB VGA, DVI and Video Out
\$393⁹⁸
Enter SAVINGS CODE 12376-1028

Celestica Radeon 9600XT

8x AGP Gold Edition w. 128MB
\$196⁹⁸
Enter SAVINGS CODE 11918-1028

Celestica Radeon 9200SE w. 64MB AGP Gold Edition w. TV out
\$49⁹⁸
Enter SAVINGS CODE 11914-1028

Seagate 80GB HDD

7200.7 80 GB ATA100 Hard Drive
\$86⁹⁸ OEM
Enter SAVINGS CODE 6470-1028

Western Digital 200GB Hard Drive 200GB ATA100 / 8MB Cache 3 Year Warranty
\$149⁹⁸ OEM
Enter SAVINGS CODE 9757-1028

D-Link 4 Port Router

DI-604 Internet Router
\$39⁹⁸
Enter SAVINGS CODE 8102-1028

D-Link Wireless Extreme G Router Up to 108Mbps wireless w. 4 10/100 LAN ports
\$98⁹⁸
Enter SAVINGS CODE 10785-1028

Prices valid until August 31st, 2004, while supplies last. Subject to change without notice.

NO HIDDEN FEES!

We gladly accept Interac, Visa, MasterCard, American Express, Diner's Club & PayPal.



Visit NCIX.com to order! FAST & EASY shipping anywhere in Canada!

THREE GREAT LOCATIONS!

BURNABY: 5068 Kingsway, Burnaby, BC, V5H 2E7 PH: 604.451.8682 FAX: 604.451.8611
VANCOUVER: 1843 W. Broadway, Vancouver, BC, V6J 1Y5 PH: 604.739.9985 FAX: 604.739.0513
RICHMOND: #1063 - 8300 Capstan Way, Richmond, BC, V6X 4B7 PH: 604.233.0308 FAX: 604.604.233.0313

Toll Free 1-888-NCIX888

M-F: 9:30 AM to 6:30 PM, Sat: 10 AM to 5:30 PM (PST)
M-F: 9:30 AM to 6:30 PM, Sat: 10 AM to 5:30 PM (PST)
M-F: 9:30 AM to 6:30 PM, Sat & Sun: 10 AM to 5:30 PM (PST)

** Next Business Day delivery is available to most, but not all, destinations over a major city in Canada. This offer applies to 2-2.5kg items (NET) shipped via parcel post. All delivery times are for delivery to third party carrier only, and DOES NOT include processing time. Please call our shipping partner 1-888-744-7123 for specific delivery times to your area, from the West 209 postal code. Delivery does not include installation. All delivery times are estimated only and does not reflect 1-2 business day order processing period. No weekend or holiday delivery is available.

Letter from the Editor 4

First Glance 9

On the Move

Child-friendly handheld travels well 7
Leapster gamepad added to Leap Frog lineup

Of the Mind

Digital Photography Tutorial: 7 12
Working with an image editor 3: FX

Digital Living

Total Gamer Corner 14
Reviews: RibbitKing, Spider-Man 2

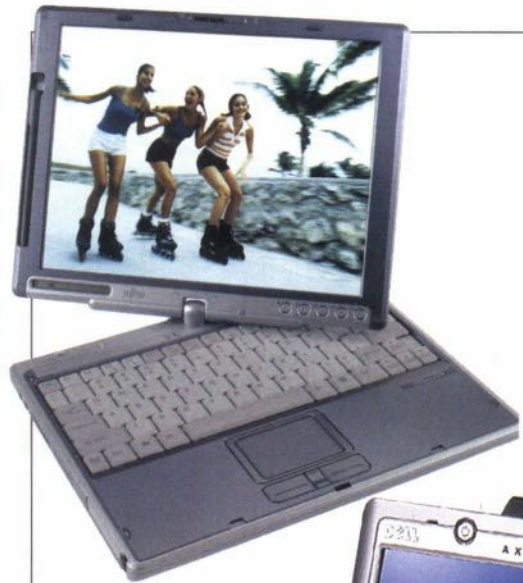
Contests

Letter of the month 4

Photo spree 10

New this Month More Editorial content throughout

Including product news and reviews in all editions following page 8



www.hubcanada.com



Andrew Moore-Crispin

On a recent late night bus ride, returning from a trip to Brampton, ON to gawk at my newest niece (welcome Arya) I decided, upon realizing that the batteries in my Game Boy Advance SP were dead, to do a little experiment in the availability of Wi-Fi access points.

Armed with an older-model Pocket PC and an 802.11b CF card and MiniStumbler, a popular application with Wi-Fi-seekers (AKA "warchalkers" or "wardrivers"). Even without any booster equipment, I watched as to my surprise, access points kept popping up on screen. In the half-hour ride, much of which was highway driving, I captured signals from 39 networks. I even managed to log on to one briefly at a stoplight to receive email headers before we moved on.

Of the 39 access points, only 15 had any kind of security measures in place, according to MiniStumbler. Even a few of the business networks we passed weren't secured. From the perspective of someone who just wants to get connected to check email or see who's online on a favourite messaging program, unsecured networks are great but the simple fact of the matter is that not everyone's intentions are innocent. An unsecured network is an open door to those who may want to gain access for nefarious purposes. Wireless network owners interested in sharing their network as an act of good will should look in to the few freeware programs available to monitor those connecting from outside. Unwitting sharers should lock down their network, only allowing those with the correct encryption key to connect.

Many security measures are turned off by default in wireless routers to aid the setup process. Enabling WEP (wired equivalent privacy) is usually a simple matter of clicking a check box and punching in an alphanumeric encryption key.

WEP is not perfect (as was demonstrated by a research group at the University of California at Berkley) but is at least a good start for home networks.

— Andrew Moore-Crispin, Editor

Avi Weinryb writes: When my father was a kid in the 1950s, his family vacations were comprised of endless arguments and backseat bickering with his sister. My little sister does not know how lucky she is. As she kicks back in the family mini-van, armed with her MP3/CD player, I'm engrossed in a DVD I'm watching on my laptop, which is conveniently connected to the van's battery. I may go on vacation to escape the daily grind, but my gadgets? They come along for the ride.

Shayne Train writes: I definitely take a digital camera that lets me pick and choose my best shots on location. I also take a cell phone, because I give out my number judiciously so that I'm not inundated with calls during vacation (or at any other time). I find myself attached to the computer almost every day of my life (teaching, e-mailing, accounting, on-line courses) so my vacation is a time to break free.

Robert Paolino writes: Gone are the vacations where I lug two travel guides (one for the city and another for the general area), a variety of road and tourist maps, my itinerary and a collection of tourism board brochures. All this documentation has now been replaced by my handy new and ultra light 4 lb laptop, with wireless modem, which weighs less and takes up less space in my travel bag than those books and documents.

Letter of the Month

The winner of this month's letter contest is **Joseph S. King**:

Unplugged all the way! Vacation time by definition is a time to get away from work, chill out, relax. In our modern workplace and daily lives we are inundated with gadgets that demand our attention. As humans we are not programmed to run constantly like a machine. Vacation time is the ideal time to say enough is enough and to voluntarily disconnect from our wired and wireless world. Enjoy your long lost senses such as the quietness of a forest, the smell of the ocean breeze or the sight of a soaring eagle. Use your instincts. Forget the GPS unit, use a compass. Ditch the cell phone, mail a postcard. Leave the laptop, read a book. Your vacation will be over soon enough and then the "madness" will return.

For his submission, Joseph wins the **Ultimate Dell Print Primer Give Away** from Dell Canada. There are still two more Dell Print Primer prizes to be won so keep those letters coming.

This month, in addition to feedback on the issue, tell us **how concerned are you about online privacy and security**. Drop us a line at letters@ppublishing.ca. To mark the one-year anniversary of Dell Inc.'s printer series, the winner will receive the **Ultimate Dell Print Primer Give Away**: a Dell A940 All-in-One Inkjet Printer, a high-res printer, scanner, and PC-free colour copier with PC fax capability; two extra ink cartridges (black and colour); a 3 m USB 2.0 cable; and a pack of Dell Premium Inkjet paper for 4x6-inch prints.



HUB

DIGITAL LIVING

Volume 17 : Number 8

EDITORIAL

Co-Editor Andrew Moore-Crispin
andrew@ppublishing.ca

Co-Editor Megan Johnston

Contributing Editors David Tanaka
Sean Carruthers

Art Director Steven Stoner

Advertising Sales

V.P. Sales Chris Cole
chris@ppublishing.ca

ONTARIO/TORONTO

Corporate Account Manager Michelle Francis
michelle@ppublishing.ca
Ralph Ventriglia
ralph@ppublishing.ca

Ad Sales Clint Farrell
clint@ppublishing.ca
Karim Rizk
Karim@ppublishing.ca

MONTREAL

Ad Sales Bill Lowson
bill@ppublishing.ca

WESTERN CANADA

Ad Sales Vivian Jin
vivian@ppublishing.ca
Melody Jones
melody@ppublishing.ca

Business Group

President Scott Piccolo
scott@ppublishing.ca

Operations Manager Sylvia Gaertner
sylvia@ppublishing.ca

Production Assistant Liz Van Der Wee
Liz@ppublishing.ca

Distribution Nella Pascal
nella@ppublishing.ca

Circulation Tracy Magee-Graham
tracy@ppublishing.ca

AR Manager Scott Robichaud
scottr@ppublishing.ca

IT Manager Scott Quinney
steveq@ppublishing.ca

Piccolo Publishing Inc (Head Office)

20 Duncan St.
Toronto, ON, M5H 3G8
Tel: 416-348-9666 Toll-free: 866-757-0179
Fax: 416-348-9553

Canadian Publication Mail,
Sales Product Agreement #40064828.
Printed in Canada.

ISSN 1710-0143 HUB: Digital Living (B.C. ed.)
ISSN 1710-0151 HUB: Digital Living (Calgary ed.)
ISSN 1710-016X HUB: Digital Living (Edmonton ed.)
ISSN 1710-0178 HUB: Digital Living (Eastern ed.)
ISSN 1710-0186 HUB: Digital Living (Montreal ed.)
ISSN 1710-0194 HUB: Digital Living (Prairie ed.)
ISSN 1710-0208 HUB: Digital Living (Southwestern Ont. ed.)
ISSN 1710-0216 HUB: Digital Living (Toronto ed.)

HUB: Digital Living is published monthly by Piccolo Publishing Inc. All rights reserved. Reproduction in whole or in part without the permission of the publisher is strictly prohibited. Information presented here is compiled from sources believed to be accurate, however, the publisher assumes no responsibility for errors or omissions. The publisher reserves the right to refuse ads. The opinions expressed in the articles and columns and ads are those of the writer/advertiser and not necessarily those of HUB: Digital Living.

Ultimate notebook meets virtual office



In our search for the perfect combination of size and performance, we came up with the X-Note series – notebooks that make no compromises. Starting with an Intel Centrino processor, we added one of the brightest LCD screens on the market, a 10-hour extended life battery* and a Quad Band wireless antenna, all packed into an ultra slim titanium and carbon fibre package that weighs a mere 2.4 kgs.

Now, virtual office doesn't have to mean virtual performance.



www.lg.ca

LG and Life's Good are trademarks of LG Electronics Inc. *Optional battery - actual life depends on application. LG Electronics recommends Microsoft® Windows® Professional for Mobile Computing. Intel, Intel Centrino, and the Intel Centrino logo are trademarks or registered trademarks of Intel Corporation.

40022722

Apple (www.apple.ca) has updated its flat-panel lineup with three new models, including a 30-inch display, which it says is the largest high-resolution LCD available. The 30-inch Apple Cinema HD has a 2,560x1,600-pixel resolution and a wide range of built-in connectivity options: two FireWire and two USB 2.0 ports and DVI interface. New 20-inch and 23-inch models were also introduced. All three have a 16:10 aspect ratio and sport a new look, with a thin aluminum bezel and curved base, similar to the design of the latest PowerMac G5 models. The 20-inch and 23-inch displays are available for a suggested retail price of \$1,799 and \$2,799, respectively. The 30-inch display will be available in August for \$4,699.



30-inch Apple Cinema HD display

The lukewarm reaction to Nokia's original N-Gage game deck/wireless phone hasn't deterred Fido (www.fido.ca). The wireless service provider has announced that it is the exclusive Canadian carrier of the N-Gage QD. The new N-Gage device is more compact than the original, is said to address usability issues related to the phone, and now includes a speakerphone function. Like the original, built-in Bluetooth allows for wireless gaming with opponents in close proximity or play online by connecting to a wireless data network. It also includes PDA functions and wireless email. The N-Gage QD from Fido is \$250 (discounts available with service contract) and comes with a Tony Hawk's Pro Skater game card.



Nokia N-Gage QD



With his talent for revamping the mundane — from citrus juicers to toothbrushes — it was only a matter of time before interior and industrial design star Philippe Starck turned his eye to the desktop. The result is a sleek new mouse for Microsoft (www.microsoft.ca). The Starck-designed optical mouse has a silver finish, with the two buttons extending the length of the mouse, divided by a lighted stripe (choice of orange or blue) with a scroll wheel at the tip. The mouse body is symmetrical, so can be used in either hand. The Optical Mouse by Starck will be available at the end of August for an estimated retail price of \$54.95.

Optical Mouse by Starck

As computer and PDA interfaces rely increasingly on graphics, using those devices becomes more challenging for visually impaired users. One Canadian company, VisuAide (www.visuaide.com), is developing its own line of high-tech products specifically for this market. The company says its latest device, Maestro, is "the first mainstream handheld PC for the blind and visually impaired." The device is built on Hewlett-Packard's iPaq Pocket PC h4150 platform and features text-to-speech technology and a tactile keyboard membrane



over the touch screen that does not rely on stylus input. It incorporates Bluetooth and can be used with an external keyboard (Braille or standard) if desired. The Maestro is expected to ship in September for an introductory price of \$1,310, and will be available through distributors of assistive products. VisuAide's other high-tech innovations include Trekker, a GPS-based orientation and mobility product for the visually impaired.

Maestro PDA for visually impaired

Child-friendly handheld travels well

Leapster

Leap Frog, www.leapfrog.ca

For: ages 4-8

Estimated retail price: \$119 (LeapPad); \$35-\$40 (cartridges)

Of the many digital gadgets devised to entertain children, LeapFrog's LeapPad has been popular with parents for its educational edge. It's a sort-of tray into which coil-bound LeapPad books are placed and read aloud from start to finish or at the user's pace by interacting with the tethered stylus — a great interactive toy for use at home.

But what if you're planning a road trip or vacation that involves time spent on planes or in airports? Enter Leapster, Leap Frog's travel-friendly gamepad. With its batwing shape, it looks like an oversized N-Gage. It has a 2.8-inch, touch-sensitive, colour LCD, tethered stylus, speaker, volume controls, navigation rocker and control buttons, earphone jack (handy for travel), and cartridge slot. Instead of books, users insert cartridges and interact with the on-screen animation. Depending on the cartridge, the content can include educational games, e-books, digital art projects, and interactive videos.

Our product testers were Giuliana, 6, and Cristina, 4, who tried two cartridges: the six-game title that ships with the Leapster and Dora the Explorer, which is available separately. Both girls are familiar with computers and the LeapPad, so were able to turn the Leapster on and start playing immediately. They interacted with it in different ways — Giuliana was quiet and very focused, while Cristina talked along with the games and gave updates on her progress — but both were very eager to play, even after testing the Leapster for a month.



Giuliana's only complaints were that the screen was not viewable outdoors and that the Home and Hint buttons were side by side and it was easy to hit the wrong one by mistake.

The Leapster runs on four AA batteries (which, cleverly, can only be accessed with a screwdriver), so run-time depends on the quality of batteries used. Judging by the enthusiastic play of our product testers, investing in rechargeable batteries would be wise.

At \$35 to \$40 each, the cartridges are pricier than the LeapPad books, but they do pack in a variety of games that lend themselves to replaying. In addition to the cartridges tested, Leapster titles include SpongeBob SquarePants, Mr. Pencil's Learn to Draw and Write, The Letter Factory, as well as Phonics 1, Grade 1, and Kindergarten.

By Megan Johnston, with testing by Cristina and Guiliana Pellizzari

▶ Data streams relentlessly.
Maxell captures it seamlessly.

maxell
DVD-R
4.7 24x

Backup
June/04

maxell
DVD-RW
4.7 4x

maxell
DVD-RW
4.7 4x

maxell
DVD-RAM
9.4 2x

maxell
DVD-R
4.7 2x

www.maxellcanada.com

maxell
Expanding Memory & Mobility

Known for developing some of the most advanced media technologies in the world, Maxell provides a seamless solution for the never-ending task of data storage. Maxell's full line of DVDs consistently deliver optimum performance and maximum reliability in every format on the market. Plus, Maxell offers 24/7/365 tech support and limited lifetime warranties.

Recordable Media • Portable Energy
Data Storage • Technological Partnerships



Digital Road Trip

Summer is upon us; the perfect time to bundle everyone into the car for a road trip.

In a trip revolving around technology, power and planning are the order of the day. Thus it is that every power bar and extension cord I can lay hands on was put to use the day before departure.

The planning element is more of a sticking point; we have still yet to decide where this road trip is going to take us. The original idea was to head out to Fredericton, NB which claims itself as the only fully wireless internet-enabled city in Canada. Apparently, everyone in the city and any passers-through can log on at just about anywhere in the city limits—though I'm sure there are some dead zones. Still, it sounds like a geek nirvana.

Mileage restrictions on the borrowed MINI Cooper kyboshed that trip idea; from Toronto, ON to Fredericton, NB is 1262.8 km taking the shortest possible route, according to Microsoft Streets & Trips.

The problem with planning a trip that puts so much focus on technology—as navigator, as a remote connection to the office and as an en-route travel planner—is that how the technology will be used on the road isn't completely clear until you're actually on the road, using it. The morning of our departure, Kingston, ON was decided upon as our destination.

MINI Cooper

\$25,500 www.mini.ca

While there is nothing terribly tech about the car as driven—no navigation system (though one is available as an option), no DVD player and screen contraptions, no On Star or similar services—the MINI proved to be the consummate road trip vehicle ... at least for two people. It was comfortable, quite quick with a deceptively large amount of room for our gear and fuel efficient to boot (6.7l / 100 km highway).

It also seems to command a lot of attention on the road. I received the rarest of all hand gestures while driving in Toronto, the non-sarcastic thumbs-up. Said thumbs-up was accompanied with vigorous honking. I was also greeted by curious Kingstonians at just about every tourist destination and gas station we stopped at.

At 6' 2", I found the car to be very comfortable. However, with the seat all the way back, the possibility for back seat passengers with legs thicker than about half an inch disappears unless they're willing to sit cross legged.

Belkin Navigation System

\$523.79 (from US\$399) www.belkin.com

The Belkin Bluetooth GPS receiver is an excellent concept and was among the devices accompanying us on the road trip that didn't present any problems ... on the

hardware side. Unfortunately, the unit is hamstrung somewhat by the software that ships with it.

Also, while the battery life of the GPS receiver held up for close to the 10 hours promised, the connecting devices draw more power in using Bluetooth and hence, don't last as long. On the road, power comes at a premium and what users gain by not having to string wires all around the car is offset somewhat by the shorter battery life of the devices connecting to it.

The PC and Pocket PC elements of Belkin's navigation software share almost exactly the same functionality. The only noticeable differences are in the larger screen and storage capacity for maps on a PC.

The navigation software offers up the requisite points of interest, public transportation hubs and some ATMs. To plot a course, users choose a state, province or city along with a radius (between 40 and 201 km) from the chosen point. Kingston and 201 km of the surrounding area required about 11 MB on the Pocket PCs; the more dense the city, the more space required. I would much rather be offered the option to choose a basic route then install the required parts of the map. Even on the relatively short 255 km journey, we ran out of map data just before entering Kingston and chose to navigate the last about 15 km analogue-style rather than pull over and load new maps into the Pocket PC.

Once the GPS unit locks on to a signal, which took 10 - 15 seconds on average with a warm start, the software does a good job of navigating, offering plenty of advance warning for turns, bends in the road, etc. and balances the warnings for highway, city and slow road driving.

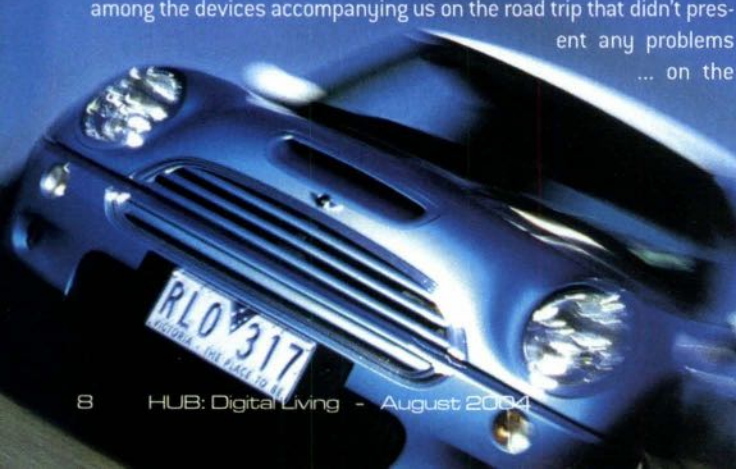
Dell Axim X30

\$379 as equipped www.dell.ca

Integrated Bluetooth and Wi-Fi (802.11b standard) we like. 64 MB of total storage for applications and data we don't. Still, with a price tag under \$400 and with similarly equipped Pocket PCs often clocking in at twice that, the extra cash users are all but required to lay down for more storage space in the form of a Secure Digital (SD) card becomes easier to swallow. The occasional hang or complete crash at the hands of the current Microsoft Windows Mobile 2003 second edition operating system (OS) notwithstanding.

With an obvious focus on wireless Internet applications in the newest batch of Pocket PC personal digital assistants (PDAs), networking applications in the latest incarnation of the OS are more easily accessed and are generally improved though still not perfect, requiring at least a moderate knowledge of networking to be effective.

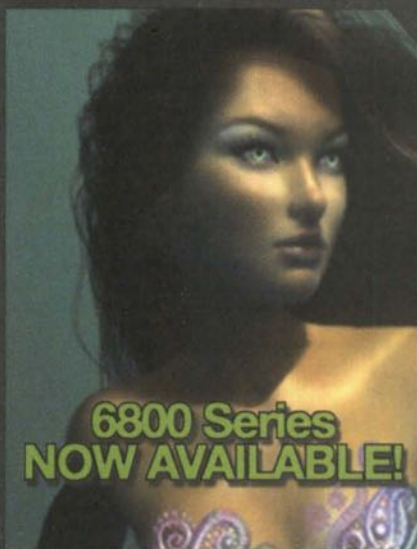
The X30 has a spring-loaded scroll wheel, replacing the scroll



continued on page 9



eVGA.com Corp. - As an NVIDIA Launching Partner, Select Solution Provider and NVIDIA's #1 Channel Partner - eVGA sets itself apart from the other add-in board makers with its unprecedented customer service, quality control and assurance; resulting in one of the highest customer loyalty ratings in the industry. As a recognized solution provider to the VGA community, eVGA brings the power of NVIDIA based cinematic graphics to the Canadian marketplace.



**e-GeFORCE 6800 Ultra
6800GT and 6800**

256MB / 256-bit / 4ns **6800 Ultra**
AGP 8X GDDR 3
DVI-I + DVI-I + TV Out **MSRP**
P/N: 256-A8-N345-AX **\$689.99**

256MB / 256-bit / 2ns **6800 GT**
AGP 8X GDDR3
DVI-I + VGA + TV Out **MSRP**
P/N: 256-A8-N344-AX **\$549.99**

128MB / 256-bit / 2.8ns **6800**
AGP 8X DDR
DVI-I + VGA + TV Out **MSRP**
P/N: 128-A8-N343-AX **\$409.99**

WHQL Pending



e-GeFORCE PCX 5750/5300

256MB / 128-bit / 4ns **PCX 5750**
PCI-E DDR
DVI + VGA + TV Out **MSRP**
P/N: 256-P2-N358-TX **\$249.99**

128MB / 128-bit / 4ns **PCX 5750**
PCI-E DDR
DVI + VGA + TV Out **MSRP**
P/N: 128-P2-N357-TX **\$219.99**

128MB / 128-bit / 4ns **PCX 5300**
PCI-E DDR
DVI + VGA + TV Out **MSRP**
P/N: 128-P2-N353-LX **\$159.99**

WHQL Pending



**\$100.00
OFF** each

Personal Cinema FX 5700

256MB / 128MB 128-bit / 4ns **MSRP**
AGP 8X DDR
DVI-I + VGA + AV In/Out + FM & TV
Memory Bandwidth : 8.8 GB/sec
P/N: 256-A8-N332-AX / 128-A8-N331-AX **MSRP**

\$449.99 / \$379.99
\$349.99 / \$279.99



e-GeFORCE MX 4000

128MB / 64-bit / 5ns **MSRP**
AGP 8X DDR
DVI-I + VGA + TV Out **\$79.99**
P/N: 128-A8-NV95-LX

64MB / 32-bit / 7.5ns **MSRP**
AGP 8X DDR
VGA + TV Out **\$64.99**
P/N: 064-A8-NV93-LX

WHQL Pending



e-GeFORCE FX 5200

128MB / 64-bit / 5ns **MSRP**
AGP 8X DDR
DVI-I + VGA + TV Out **\$99.99**
P/N: 128-A8-N304-LX

128MB / 32-bit / 5ns **MSRP**
AGP 8X DDR
VGA + TV Out **\$89.99**
P/N: 128-A8-N303-L6

WHQL Certified

Evaluation Program*
available thru Canadian distributors

e-GeFORCE PCX 5750

\$149.99
1 per dealer ONLY



128MB / 128-bit / 4ns
PCI-E DDR
DVI + VGA + TV Out
P/N: 128-P2-N357-TX
*DEALER ONLY - NOT FOR RESALE

**Call for Dealer Price
ASI**

(Toronto / Montreal)
www.asipartner.com
[Toronto 905-470-1000]
[Montreal 514-748-9200]

Aztec Micro
(Ottawa / Toronto / Vancouver)
www.aztecmicro.com
[1-888-AZTEC-80]

**Two-year warranty
thru
Authorized
Distributors**

**THREE
Regional
RMA Centers
located in:
Ottawa, Toronto
Vancouver**

www.eVGA.com
All Prices In Canadian Dollars

t: 888.881.EVGA
Toll-Free Tech Support

f: 714.528.4501

THANK YOU!

For making Echo Online the 2004 Consumers' Choice Award winner in the category of Internet Service Provider!



Unlimited Internet Access from **\$8^{30*}** per month

Features:

- o 56K V.90 Dial-Up Access
- o 1 E-Mail Address
- o 10Mb WebSpace
- o Free WebMail Access

A DSL Modem and a month of DSL Service!

Only **\$69^{95**}** plus tax



Features:

- o 3MB DSL ACCESS
- o 10Mb WebSpace
- o 5 E-Mail Addresses
- o FREE 20 hours of Dial-Up
- o Recertified GNET DSL Modem with 60 day warranty.
- o No Commitments!
- o Residential Service only.

What are you waiting for?

Call us today! **416-385-0459**

www.eol.ca or sales@eol.ca

ECHO
OnLine

* Based on a 12 month pre-payment of \$99.60. Taxes Extra. Where technology exists. NEW SUBSCRIBERS ONLY.
** \$34.95 per month thereafter. Taxes not included. 60 day warranty on recertified modems. Where technology exists.

Serving the GTA Since 1995!

Check your Syntax

Large flat-panel screens check in at a smaller price

If you're the type of person who likes to see what's new at the local electronics store, chances are you've stood in the aisle, staring goggle-eyed next to the large-screen flat-panel televisions. Of course, the price tag always breaks the spell ... for something so thin, why is the price tag so thick?

Until recently, part of the reason is that the technology was still too new to have really come down to a consumer-level price point, but that looks like that's at least starting to change. Syntax Groups has recently announced its new Ölevia line of LCD televisions. The Ölevia screens are available in 20-inch, 27-inch and 30-inch sizes, but the prices are much lower than you'd expect for screens at those sizes.

I recently got the chance to take a look at the 30-inch Ölevia screen, which checks in at an astounding \$2,595; by comparison, other 30-inch LCD displays typically retail for about twice that. The big difference is that the Ölevia sports a more modest resolution than some screens with premium pricing: while it's a widescreen display, the resolution tops out at 1280 x 720 pixels. That's more than good enough to handle standard television or DVDs, but not quite enough to display HDTV signals at full 1080i resolution. (It can display HDTV signals, but it downsamples them to fit the screen.)



At 1280 x 720, the resolution isn't bad—a number of other LCD televisions feature a similar resolution, though it should be noted that those screens are usually physically smaller. With that resolution on a 30-inch screen, each of the pixel elements is consequently stretched out, resulting in a blockier image overall. You'll definitely notice it if you've got your nose right up against the screen (naughty naughty!) but you'll be okay if you're sitting a bit further back. The panel has a wide viewing angle, at 170 degrees both horizontally and vertically; no matter where you're sitting, you'll be able to see what's on the screen.

The Ölevia television can handle a number of different audio and video inputs. In addition to the composite video and S-Video connectors, there are also connectors for both component and HDTV input (also known as YCbCr and YPbPr); there are four separate audio inputs to accompany these. The Ölevia also has two monitor inputs—VGA and DVI—which allow you to hook the screen up to a computer, too.

With the potential for so many wires connecting to the screen, it's a relief that Syntax has built a nice cable management system into the stand to keep things tidy. There's one large removable panel on the rear of the stand; loosen the thumbscrew and it comes off, revealing a few clips for keeping your cables in place, and enough empty space for you to wind them around if they're overly long. There are also panels off to the left-hand side of the rear of the screen covering the audio/video and monitor inputs.

One of the panels also hides the connectors for the detachable speakers. While the speakers look good on either side of the screen, they're not all that loud. If you are going to be using the screen for home theatre, you may just want to detach and store the speakers to save some space, and run your audio through better amplification instead.

The extra thought spent on the design of the television is actually a really nice touch, considering the value-conscious price point. Often, to be blunt, products that are very price-friendly tend to be ... well, ugly. The Ölevia television certainly isn't that, sporting a fairly stylish design that will look great in pretty much any living room.

By Sean Carruthers

If a thirty-inch screen is a bit too much for your living room, Syntax offers smaller screens in the Ölevia line. The 27-inch model checks in at \$1,995 while keeping the same resolution and general design. The 20-inch model comes in a standard 4:3 orientation, with a resolution of only 800x600, and it omits the S-Video, HDTV and DVI connectors; it has a suggested retail of \$1,099.

Ölevia LCD TV
www.syntaxgroups.com
 Estimated price: \$2,595



DIGITEC
TRADING INC.
www.digitec.tv

GREAT OFFER

Buy a Sorell SF1100 (128MB) +\$10 (plus taxes) and get a MUROAD FM Shuttle (MSRP \$49.95). Exclusively from Canada Computers.



SORELL

Sorell SF1100

- Lyric Compatible
- 128MB

Muroad FM Shuttle
Car MP3 Wireless Transmitter



MUROAD FM Shuttle

Transmit the portable music (MP3, CD Player, Notebook and PDA) to FM radio in your car.

Safa SR-M280F



- Direct MP3 Encoding
- Firmware Upgrade
- EL Back-light Graphic Display
- Voice Operated Recording



Muro MR-100

- Built-in Voice Recorder
- FM Broadcasting
- Select Back-Light Colour of LCD
- Memorize 20 FM Channels



SORELL

Sorell SF-2000

- Built-in Rechargeable Li-ion Battery (Charge via USB)
- Photo Display
- Lyrics Display
- Include Deluxe Neck Strap & Case

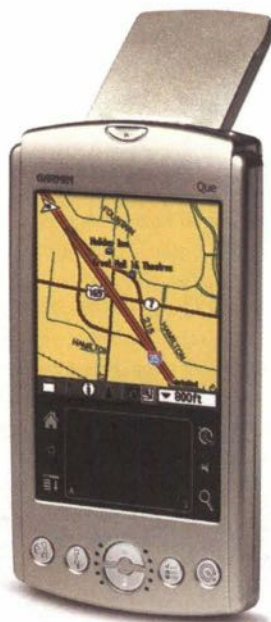


Canadian Dealers:

Canada Computers (Markham) 905 946-9688	Enhanced Computers (Unionville) 905 472-8777	eSkynet Technology Inc. (First Markham Place) 905 943-7334	C2000 Camera & Electronics (Thornhill) 905 882-0707
PC Gate Computer (Pacific Mall, Markham) 905 944-9821	Sunny Computers Ltd. (Pacific Mall, Markham) 905 470-1389	Computer Mart (Richmond Hill) 905 763-2799	HDTV (Bamburgh Circle Branch) 416 498-9233
Logic Computer House (Markham, Mississauga) 905 415-9070	Forever Print (Thornhill) 905 763-3822	Computer Plus Systems (Mississauga) 905 451-1499	Computopia (Toronto) 416 532-8583
ICCT Computers (Markham) 905 513-9935	Logic Computer House (Mississauga) 905 276-9995	Multiple Electronics (Vancouver, BC) 604 321-3333	Japan Camera Centre (Victoria, BC) 250 382-4435

Mail Order: www.digitdepot.com

For Dealer Inquiry, please contact Digitec Trading Inc. 905-415-3566 or email to info@digitec.tv



PDA users that choose the Palm operating system have been somewhat limited where GPS modules are concerned with many GPS manufacturers supporting only the Pocket PC OS. To that end (or to end that, as the case may be) Garmin recently introduced its iQue 3200, a Palm OS-based PDA with integrated GPS technology. Garmin's iQue incorporates Palm functionality (using a 200MHz Motorola DragonBall processor) including contact lists, a memo pad, date book etc. along with the variety of third-party software applications already available for Palm. Its 320x320 colour display gives users turn-by-turn driving directions, along with the usual voice prompts and map data.

Included in the package is an "automotive navigation kit" that powers the iQue and recharges the battery using the cigarette lighter adapter. Funny, I thought those things were called "car chargers." The iQue 3200 launches in early August with an approximate price of \$535.

Garmin iQue 3200

The latest in Toshiba's laptop line, the Qosmio, was demonstrated to media in Toronto and Vancouver leading up to the product's fall launch.

Qosmio connects directly to a range of devices in the home, including cable TV, video game consoles and DVD players and can act as a personal video recorder (PVR), storing video on its hard drive. With an Intel Centrino processor, Qosmio will connect to wireless networks to share video and audio. The Japanese incarnation of Qosmio offers a Wi-Fi TV Router (either bundled or as an option) that sends a video signal to the no doubt slick laptop which will no doubt find its way to Canadian shores before long. Toshiba's latest carries a suggested list price of between \$3,000 and \$3,500.



Toshiba Qosmio

ICCT.ca

ICCT-DIYA



Intel P4 2.8C
Asus P4P800-SE **\$699**
512MB PC-3200I (Dual-Channel)
Maxtor 80G HDD
ATX 2713D Case
ATI Radeon 9200SE 128M
52x32x52 CDRW
Sound Card & USB & IEEE1394
On Board, 1.44MB FDD

ICCT-DIYB/DIYC

ICCT-DIYB

AMD Athlon XP2800
Asus A7N8X
512MB DDR PC-3200
WD 80G HDD 8M
Dragon DX Case
ATI Radeon9200SE 128
LG CDRW & DVD Combo
1.44MB FDD **\$699**
LAN & Audio On Board

ICCT-DIYC

Intel Celeron 2.4G
ASUS P4SP-MX
256MB DDR333
Maxtor 40G HDD
BenQ 56X CD-ROM
1.44 MB Floppy Drive **\$339**
ATX 2713 Case with Front USB
NIC & Sound Card On Board

GRAND GAMERS

Super Gamer

AMD 64Bit 3200+
Asus K8V SE Deluxe
Kingston 1G PC-3200
ATX 2713 Case, 1.44"
LG 4120 12X DVDRW
Creative Inspire T5400
WD 120G SATA **\$1649**
ATI Radeon 9800Pro 128MB
MS KB & Optical Mouse Combo

Gamer P4

Intel P4 3.2C, 1.44"
ASUS P4C800-E DX
512MB PC-3200 DDR
Seagate 160G SATA
ATI Radeon 9800Pro 128M
LG 4082B DVDRW **\$1359**
Elitech 5100 SPK, KB & Mouse
Scorpio Case w/400W 2-Fan P/S

POWER P4



Intel P4 2.8B / 512MB PC-2700
Asus P4SP-MX **\$789**
Maxtor 80G HDD
52X CDRW, 10/100 NIC, 1.44FDD
Video, Audio & NIC On Board
Cobra Case w/Dual-Fan P/S
Eb990 Speaker w/Subwoofer
Keyboard & Optical Mouse
★ FREE 17" Flat Screen
CRT Monitor Included



BenQ 15" FP557 BenQ 17" FP731 BenQ 19" FP931 Samsung 17" 710V Samsung 17" 170N Samsung 19" 910V Acer 17" AH1711bm Apollo 17" & 19" **\$469**
Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed Lowest Price Guaranteed

CRT MONITOR

17" CRT Monitor Call
Samsung 19" 955DF Beige \$220.9
Samsung 19" 955DF Black \$229.9

MAIN BOARD

Intel Compatible
ASUS P4SP-MX \$68
ASUS P4P800 \$118
ASUS P4C800-E Deluxe \$228

ASUS P4P800
E-Deluxe **\$145**

AMD Compatible
ABIT VA-10 \$65
ASUS A7N8X \$106
ASUS K8V-SE-DX \$148

VIDEO CARD

\$289
ATI Radeon 9800 Pro
(Retail Box)

ATI Radeon 9800 Pro 256M \$349
ATI 9600XT 128M Retail \$215
ATI A-I-W 9600 \$215
ATI A-I-W 9600XT \$259

HARD DRIVE

Maxtor 80G 2M \$73.9
Maxtor 120G 2M \$101
Seagate 120G SATA \$119

NOTEBOOK

Acer TM292 EXC
INTEL Celeron-M-1.3GHz / 256MB
30GB Hard Disk **\$1099**
Windows XP Home
DVD/CDRW, 14.1" TFT, 10/100

Acer TM2101WLC-XP
INTEL Celeron 2.6GHz / 256MB
40GB HDD, 15" TFT
Windows XP Home **\$1339**
DVD/CDRW, USB 2.0, 56K, 10/100



Acer TM4001LCI
Intel Centrino M-1.5G / 256MB
40G HDD, WinXP-H **\$1599**
WLAN 802.11b+g
DVD/CDRW, LAN, USB, 1394, 56K

Acer AS1661WLCI
INTEL P4-2.8G / 512MB / WinXP-H
40GB HDD, 15.4" **\$1699**
WLAN 802.11b+g
DVD/CDRW, LAN, 56K, USB, 1394

Acer Ferrari 3200
AMD Athlon64 2800+ / 512MB / 80GB
Windows XP-PRO **\$2669**
15" TFT, 56K, USB
DVD+/RW, LAN, WLAN802.11b+g

Toshiba Tecra A2 PM1.4
INTEL PM 1.4GHz / 256MB
40G Hard Disk, 14.1" TFT
CDRW/DVD **\$1859**
Windows XP-PRO

Toshiba Tecra S1 PM1.5
INTEL PM 1.5GHz / 256MB
40GB HDD, 14" TFT
CDRW/DVD W/M/L **\$2129**
Windows XP Pro



Toshiba Tecra S1 PM1.7
INTEL PM 1.7GHz / 512MB
60G Hard Disk, 15" TFT
CDRW/DVD, M/L/W **\$2628**
Windows XP-PRO

Toshiba Tecra M2 PM1.7
INTEL PM 1.7GHz / 512MB
60GB HDD, 14.1" TFT
CDRW/DVD W/M/L **\$2899**
Windows XP Pro

Toshiba Satellite P20
INTEL P4 3.2GHz / 512MB
80G Hard Disk, 17" TFT
DVD/R-RW, M/L/W **\$2969**
Windows XP-MCE

PDA/MP3/PRINTER

Palmone Tungsten E **\$246**
RIO Nitrus 1.5GB
Hard Drive Player **\$235**
Palmone Tungsten T2 \$326
Palmone Tungsten T3 \$465
HP IPAQ2210 Pocket PC \$469
HP Laserjet 1012 Printer \$239

NETWORKING

D-Link Wireless G PCI Card \$69
D-Link 4-Port Router \$41.5
LinkSys Wireless G PCI Card \$73.9
LinkSys Wireless G USB Adapter \$73.9
More www.icct.ca

\$82.9
LinkSys
Wireless G Router

OPTICAL DRIVE

LG 52x32x52 CDRW \$33
LG 4082B DVD+/RW \$86
Plextor 712A DVD+/R/RW \$189
Pioneer 107D 8X DVD+/RW OEM \$105
BenQ 8X DVD Writer (Retail Box) \$68

\$112
LG 4120
12X DVD+/RW

17" LCD TV
\$559

MARKHAM
WARDEN AVE. / 14TH AVE. / CROWN STEEL DR.
20 Crown Steel Dr. #16
Open 7 days a week
TEL: 905-513-9935

NEWMARKET
DAVIS DR. / SUBWAY / YONGE ST.
17480 Yonge St. #B3
Open 7 days a week
TEL: 905-853-1628

NORTH YORK
WILLOWDALE / SHEPPARD E. / BAYVIEW
201 Sheppard Ave. E.
Open 7 days a week
TEL: 416-224-5553

BRAMPTON
MAIN ST. / BARTLEY BULL PKWY. / STEELES AVE.
1 Bartley Bull PKWY #24
Open 7 days a week
TEL: 905-460-1339

TORONTO
SATURDAY AVE. / COLLEGE ST. / SPADINA AVE.
396 College St.
Open 7 days a week
TEL: 416-921-0702

Reservations while quantities last. Some restrictions may apply. Prices subject to change without notice. Although we strive for the accuracy in our advertising, errors may occur. In such cases, we reserve the right of correction. Pictures may not be the same as real products. All logos and pictures are of the property of respective owners. All trade marks and trade names are used to identify their products. They are the property of their owners.

PC Game Reviews

TrackMania is a refreshingly unique computer game that lets players design, build and drive on customized race tracks. Consider it Lego meets Hot Wheels.

That is, while the game ships with more than 50 pre-made courses—ranging from snowy alpine environments to a barren desert to a picturesque countryside—the real fun in TrackMania is playing around with the intuitive track editor, which features more than 2000 individual pieces.

Gamers can also drag and drop "stunt" sections onto the track, such as loops, jumps, corkscrews and sharp hairpin turns. Once completed, these creations can be raced on against virtual drivers or against human ones via the Internet.

An optional "puzzle mode" challenges drivers to complete specific goals. If successful, the game unlocks new construction pieces that can be used in the track editor. For instance, players must reach the finish line by driving through all the checkpoints and avoiding numerous road blocks. There are many mini-challenges to indulge in; some more entertaining than others.

TrackMania's official Web site (www.trackmaniagame.com) houses more than 2000 user-created courses to download for free, along with assorted custom-built modifications (mods) and replay movies. You can attribute much of this extra content to European players, as the game has been available across the pond since the beginning of the year. The North American version features more than 60 bonus construction pieces and new game modes.

The racing can get a little rocky, however, as the artificial intelligence is spotty (evidently, computer-controlled cars don't always know how to drive), plus the vehicle handling isn't nearly as responsive as other arcade driving games such as Need for Speed series. Because of these shortcomings, creating the crazy circuits can be more fun than racing on them.

Overall, TrackMania is both a unique diversion that's part virtual construction set, part racing game.

Adventure game fans who find the latest point-and-click titles haven't evolved much since the days of Myst should pick up Missing: Since January, an unconventional PC game that blurs the line between fact and fiction.

At the start of this distinctive adventure, the player learns that photojournalist Jack Lorksi has disappeared along with his female companion, Karen, while researching a string of serial killings. The only clue is some video footage obtained by Lorksi's employer, SKL Network, which triggers a cat-and-mouse game with a mysterious murderer known as The Phoenix.

As an investigator, the company hands you the CD-ROM sent by the killer in the hopes you can help solve the case. Further clues must be gathered by cracking word puzzles, analyzing video clips, scouring through more than 300 real and fictitious Web sites and by following instructions from email messages sent by virtual characters, including The Phoenix himself.

This is what makes Missing so compelling the game is played on the CD-ROM, online and in your email inbox.

As an example, someone by the name of Kristin Lark will email you early on in the game, who writes: "SKL Network offered me the chance of being your partner on the Jack Lorksi case. The guy who made the CD is just so wacko! He's also got a thing for the esoteric. That's handy because that's what I'm majoring in! Check out my site, www.salemwitchmystery.com and you'll see what I mean."

These virtual characters won't write back if you attempt to email them, but the illusion of help "outside" the game is an effective one. The assorted clues, such as those found on Kristin's Web site, will help solve The Phoenix's increasingly tough riddles, shed light on the motives behind his killing sprees, and will eventually help locate the kidnapped couple.

Missing: Since January makes for an eerily fascinating and unique game concept that is well worth the relatively inexpensive price tag.

By Marc Saltzman

TrackMania

(Enlight Software; \$39.99)



Missing: Since January

(The Adventure Company; \$29.99)



Super SpongeBob SquarePants Collapse!

A cartoon superstar has lent his talents to one of the most addictive online puzzle games in GameHouse's Super SpongeBob SquarePants Collapse! (www.gamehouse.com)

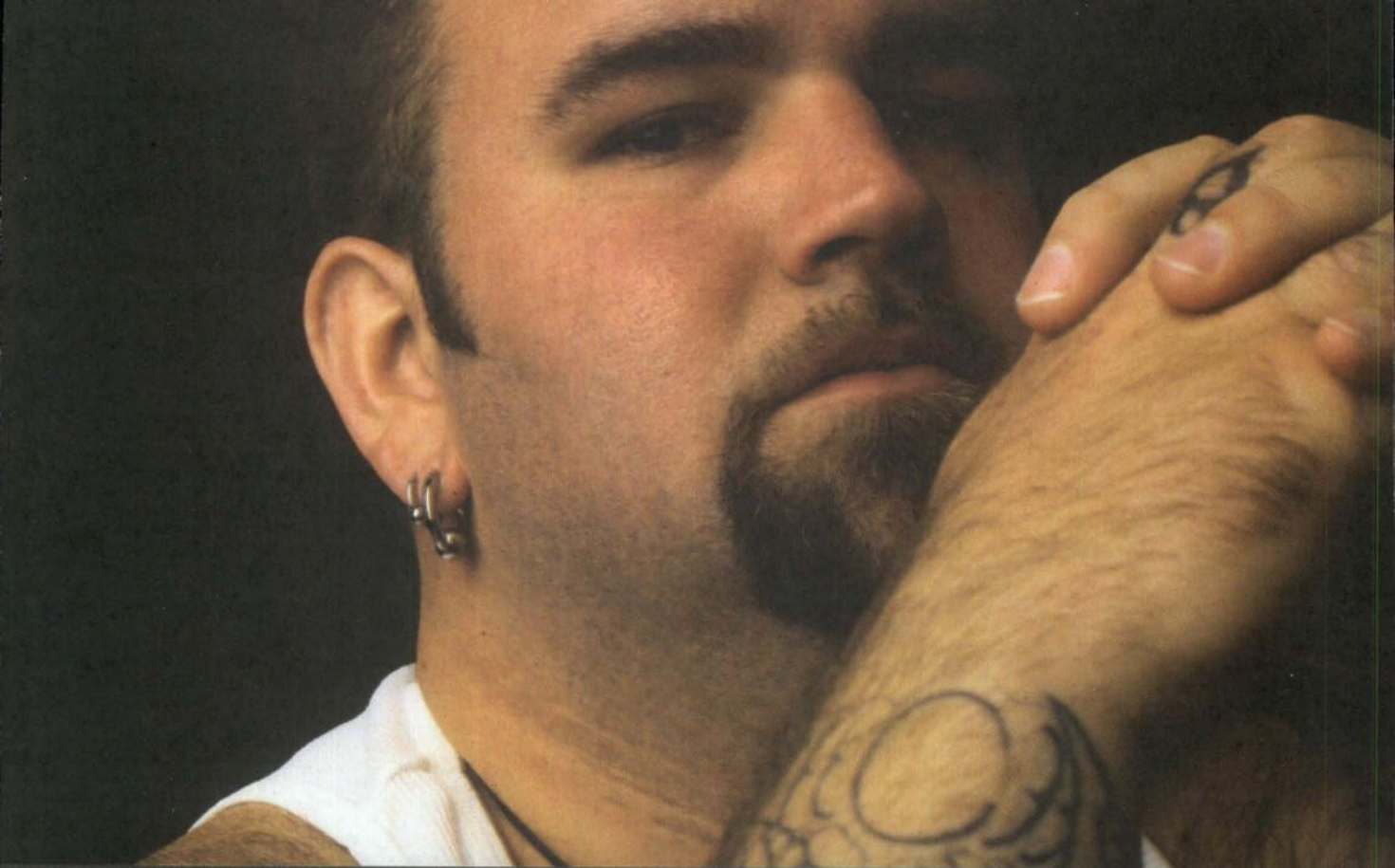
If you've played Super Collapse! you will be familiar with the goal of the game: accumulate as many points as possible by clicking same-colored blocks that are grouped in clusters of three or more. Larger clusters yield more points and bonuses, while special pieces, such

as bubbles and jellyfish, help detonate groups of blocks.

The SpongeBob version of the game features music, sound effects and characters from the popular Nickelodeon television show. Familiar faces include SpongeBob, Patrick and Sandy.

You can play Super SpongeBob SquarePants Collapse! for free for one hour. After that you're asked to provide credit card information to continue playing for \$19.95 U.S.

The game works with both Windows and Macintosh PCs, and is suitable for players of all ages.



OUR WEB HOSTING CLIENTS MEAN BUSINESS.

To Korax, you're one tough customer.

So naturally, we want to make sure your web hosting service is as good as it gets.

How?

For starters, we guarantee 100% uptime. That's right, 24 hours a day, 365 days a year. And, we put it in writing.

Next, we make sure our customer care is second to none. Period.

Our multi-homed fibre optic network provides your visitors with the best possible path to your web site, ensuring high availability and fast page loads.

And with our generous traffic allowance, and a

wide range of services such as domain name registration, SSL certificates, and automatic volume discounts, our prices are hard to beat.

Windows or Unix hosting

- Unlimited email
- Spam and virus protection
- Up to 1,000 MB disk space
- MySQL, PHP, ASP.NET, C#, VB, ASP

Starting at just **\$12.50** per month!

To join our list of the world's toughest business customers, check us out on the web today, or call us toll free.

www.korax.com

1.877.567.2963

Korax. Hosting the world's toughest customers.



KORAX

16 Years In Business

550 Alden Rd., Unit #110
Markham, Ontario L3R 6A8
Telephone: (905) 470-1425
www.greytech.com

GREY TECH

COMPUTER INC.

HARDWARE • SOFTWARE • ACCESSORIES

Directions & Hours
4 Lights North of Steeles Avenue
1 Block West of Warden Avenue
Hours: Monday - Friday: 9am - 6pm
Saturday: Starting August 21st,
10am - 2pm

COMPUTER SYSTEMS & SERVERS

The Works IV

\$2345



- Intel Pentium 4 processor at 3.0Ghz 800sb Prescott with 1mb cache
- Asus motherboard (P4P800E Deluxe) with integrated digital sound and firewire.
- 1GB DDR400mhz dual channel memory
- Seagate 160GB 7,200 rpm drive with 8mb cache and SATA (serial) interface
- ATI All in Wonder 9600XT 128mb VGA video card with TV Tuner, FMtuner, Digital VCR, Video editing & DVD software, & Full function radio remote control.
- Benq FP757 17" flat LCD display with 16ms redraw, 1280 x 1024
- Pioneer 8x + and - DVD Writer
- Onboard GIGALAN, USB2, SATA, RAID
- Antec Sonata Ultra Quiet Case 380watt supply
- Logitech Elite keyboard with optical mouse
- Yamaha 80 watt speaker system w/sub
- Microsoft Windows XP Pro Edition

As listed (#Q56360) \$2345.00

Economy Series

\$699



- Intel 2.4Ghz Celeron Processor with original retail fan and heatsink (400Mhz FSB)
- Asus motherboard (AS-P4SP-MX)
- Built-in digital sound, 10/100 LAN, & USB 2.0
- 256MB DDR memory, 333Mhz speed
- Seagate 40GB 7,200 RPM drive w/2mb
- SIS 651 video controller (>64 shared)
- Acer 17 inch monitor (1280x1024)
- Chenbro micro tower case with premium 250 watt certified power supply
- LG Electronics 52x CD Writer with Nero burning software
- Greytech internet keyboard, mouse, and powered speaker set.
- Microsoft Windows XP Home edition

As listed (#Q56367) \$699.00
Above system without monitor, keyboard, mouse, or Microsoft Windows XP (#Q56367) \$439.00
Upgrade above packages to Intel's Pentium Four processor at 2.8Ghz 533FSB add \$140.00

Extreme Dream

\$3279



- Intel or AMD Processor with Asus motherboard (See combinations below).
- 1GB OCZ Platinum memory 2-3-2-5 D/C
- Onboard Firewire, USB2, SATA, RAID
- Dual Seagate 160GB SATA2 drives: 72,00rpm, 8mb, RAID0 array
- ATI X800 Pro video card with 256mb
- Viewsonic 19 inch P95F black monitor
- Liteon DVD +/- Dual Layer 8X Writer
- Liteon DVD/CD reader
- Antec Sonata Case w/380 watt supply with two 120mm cooling fans.
- Logitech MX Duo cordless mouse/keyboard
- Yamaha 80 watt speaker system w/sub
- Mitsumi 7 in 1 floppy/memory reader
- Microsoft Windows XP Pro Edition

Intel Pentium 4 3.4ghz processor, 1mb cache with P4C800-E-DX board (#Q56361) .. \$3279.00
AMD Athlon 64 3500 processor, 512kb cache with A8V-DX-G board (#Q56362) \$3279.00

MicroCube Pro System

\$1719



- Intel Pentium 4 processor at 3.0Ghz 800sb Prescott with 1mb cache
- Asus motherboard (expandable P4P800-VM)
- Seagate 120gb 7,200 rpm hard drive, 8mb
- 512mb dual channel memory (two 256mb modules)
- Intel Extreme 2 video controller
- Samsung 17 inch LCD panel (713V)
- Built-in USB 2.0, ATA133 support
- Pioneer 8X +/- DVD/CD Writer
- Built-in sound controller
- 10/100 built-in LAN
- Antec Aria cube case w/300 watts
- Measures: 7.9"(H) x 10.6"(W) x 13.2"(D)
- Viewsonic Viewmate USB keyboard with built-in two port USB hub
- Viewsonic Cordless optical mouse
- Viewsonic speakers with sub woofer
- Microsoft Windows XP Home Edition

As listed (#Q56194) \$1719.00

2U/4U Basic Server

From **\$859**



- Intel Pentium 4 processor at 2.8Ghz
- Gigabyte motherboard (GA-G8S661FXM)
- 512MB DDR400mhz memory
- Seagate 40GB 7,200 rpm drive, 2mb
- Onboard Real 256E graphics controller
- LG internal CDROM drive
- Onboard LAN, USB2.0
- 2U/4U Industrial Rack Mount case
- Certified heavy duty power supply 4U: 350 Watts, 2U: 300 Watts.

2u Server (#Q56255) \$969.00
4u Server (#Q55954) \$859.00

Dual XEON Redundant Server

\$3150

- Dual Intel Xeon 2.4Ghz Processors
- Asus dual Xeon motherboard (AS-PC-DL-DX) with USB2, RAID, SATA, Firewire, 8xAGP
- 2GB DDR333mhz dual channel memory
- FIVE 80GB Seagate SATA drives 7,200 rpm: 2 Mirrored in RAID1 array protecting OS, 3 in RAID5 array protecting data.
- All drives hot pluggable.
- 256mb Caching SATA RAID controller
- Full Size Enlite Server Tower case
- Redundant 460 watt Xeon power supply fully hot swappable
- Pioneer 8X DVD writer
- Onboard GIGALAN 10/100/1000

As listed (#Q56250) \$3150.00
Microsoft Windows 2003 Server Standard edition with 5 clients add \$1319.00

Business Systems with LCD

From **\$999**

- Intel Processor 2.4 or 2.8Ghz with original retail fan and heatsink
- Gigabyte motherboard (GA8S661FXM)
- Built-in digital sound, 10/100 LAN, & USB 2.0
- 256 or 512mb DDR memory, 400Mhz speed
- Seagate 80GB 7,200 rpm drive w/2mb
- SIS 651 video controller (>64 shared)
- Envision 15 inch LCD monitor (1024x768)
- Grey Tech mid tower case with true 450 watt power supply and upfront USB
- LG Electronics 52x CD-ROM drive
- Logitech deluxe internet keyboard with optical USB mouse
- Microsoft Windows XP Home edition
- AC powered stereo speakers

Celeron 2.4ghz, 256mb (#Q56367) \$999.00
Pentium 4 2.8ghz, 512mb (#Q56390) \$1239.00

Personal Video Recorder (PVR)

\$1099

- Record your favourite shows, pause/rewind live TV, create DVD's, watch downloaded movies, create multimedia slide shows. This PVR unit uses your TV or Projector as a giant monitor.
- Intel Pentium 4 at 2.4ghz with 1mb cache
 - Gigabyte motherboard (GA8S661FXM)
 - Built-in digital sound, 10/100 LAN, & USB 2.0
 - ATI 9600XT All-in-Wonder video system including DVD software bundle and remote control
 - 512mb DDR memory, 400Mhz speed
 - Seagate 120GB 7,200 rpm drive w/8mb
 - GreyTech compact home theatre case
 - Pioneer 8x +/- DVD writer
 - Panasonic floppy drive
 - Microsoft Windows XP Home edition
- (Mouse and keyboard not included... cordless recommended)

As listed (#Q56391) \$1099.00

EXTERNAL HARD DRIVES

GREY-TECH DESKTOP DRIVES

Grey-Tech's premium external desktop hard drives feature both Firewire and USB 2.0 interfaces for both PC and MAC use. The compact, high quality aluminum design radiates heat quickly and makes these units suitable for portable use. Almost silent operation. They are stackable and can be daisy chained using the IN/OUT Firewire ports. Both interface cables and power adapter included. All drives feature 7,200 rpm speeds.



- 120GB unit has Seagate drive with 8mb of cache, 7,200 rpm (#GT-MINI120PRO) .. 209⁹⁵
- 160GB unit has Seagate drive with 8mb of cache, 7,200 rpm (#GT-MINI160PRO) .. 233⁹⁵

- 200GB unit has Seagate drive with 8mb of cache, 7,200 rpm (#GT-MINI200PRO) .. 279⁹⁵
- 250GB unit has major brand drive with 8mb of cache, 7,200 rpm (#GT-MINI250PRO) .. 389⁹⁵

All models come with one year warranty on enclosure and three years on the hard drive.

GREY-TECH POCKET DRIVES

The perfect choice for those on the go! High capacity hard drives that fit in your shirt pocket or purse. 5,400 rpm speed gives impressive performance for such a small package. PC Powered.

- 20GB USB 2.0 Aluminum drive, 8mb cache, 5,400 rpm (#GT-POCKETUSB20) 154⁹⁵
- 40GB USB 2.0 Aluminum drive, 8mb cache, 5,400 rpm (#GT-POCKETUSB40) 189⁹⁵
- 40GB Firewire & USB drive, 8mb cache, 5,400 rpm (#GT-POCKET40) 239⁹⁵
- 60GB USB 2.0 Aluminum drive, 2mb cache, 5,400 rpm (#GT-POCKETUSB40) 279⁹⁵
- 60GB Firewire & USB drive, 2mb cache, 5,400 rpm (#GT-POCKET60) 309⁹⁵

LACIE DESKTOP DRIVES

- 80GB USB 2.0 Porsche drive, 2mb cache, 7,200 rpm (#L-1-300698U) 182⁹⁵
- 80GB Firewire Porsche drive, 2mb cache, 7,200 rpm (#L-1-300699U) 203⁹⁵
- 160GB Firewire & USB D2 drive, 2mb cache, 7,200 rpm (#L-1-300716) 317⁹⁵
- 500GB Firewire 400 & 800 drive, 8mb cache, 7,200 rpm (#L-1-300871) 702⁹⁵
- 1000GB Firewire 400 & 800 drive, 8mb cache, 7,200 rpm (#L-1-300874) 1440⁹⁵

LACIE POCKET DRIVES

- 40GB Firewire Porsche drive, 2mb cache, 4,200 rpm (#L-1-300694) 246⁹⁵
- 40GB USB 2.0 Porsche drive, 2mb cache, 4,200 rpm (#L-1-300693) 222⁹⁵
- 80GB Firewire & USB Porsche drive, 2mb cache, 5,400 rpm (#L-1-300715) 488⁹⁵

Grey-Tech reserves the right to withdraw pricing, products, or services without notice. Grey-Tech assumes no responsibility for errors in content or pricing. Some items are limited time offers.

NOTEBOOKS

<p>Acer 292ECX \$1111</p>  <p>Intel Celeron</p> <ul style="list-style-type: none"> • Intel Celeron-M 1.3Ghz 512kb cache • 256mb DDR memory • Intel integrated VGA graphics • 30gb hard drive • CDWriter with DVD reader • 14 inch XGA display 1024x768 • 56k modem, 10/100 LAN • Microsoft Windows XP Home edition 	<p>Acer AS1355LCIXPH \$1362</p>  <p>AMD Athlon</p> <ul style="list-style-type: none"> • AMD Athlon XP-M 2600+ mobile processor • 512mb DDR memory (2 x 256mb) • Unichrome integrated VGA graphics • 30gb hard drive • CDWriter with DVD reader • 15 inch XGA display 1024x768 • 56k modem, 10/100 LAN, Wireless LAN • Microsoft Windows XP Home edition 	<p>Acer 2501LCI-XPP \$1669</p>  <p>Intel Pentium 4</p> <ul style="list-style-type: none"> • Intel Pentium 4 2.8Ghz processor • 512mb DDR memory (2 x 256mb) • ATI Mobility Radeon 9000 graphics • 40gb hard drive • CDWriter with DVD reader • 15 inch XGA display 1024x768 • 56k modem, 10/100 LAN, Wireless LAN • Microsoft Windows XP Professional 	<p>Acer AS1712SMI-XP \$2669</p>  <p>Intel Pentium 4</p> <ul style="list-style-type: none"> • Intel Pentium 4 3.06Ghz processor • 1024mb DDR memory (2 x 512mb) • nVidia Geforce FX5700 (128mb memory) • 120gb hard drive 7,200 rpm • DVDWriter plus 6 in 1 memory reader • 17 inch XGA display 1280x1024 • 56k modem, 10/100 LAN, Wireless LAN • Microsoft Windows XP Professional
<p>Intel Pentium 4</p> 	<p>Acer AS1661WLCI-H \$1799</p> <ul style="list-style-type: none"> • Intel Pentium 4 2.8Ghz processor • 512mb DDR memory • ATI Mobility Radeon 9000 graphics • 40gb hard drive, Windows XP Home • CDWriter with DVD reader • 15.4 inch Wide XGA display 1280x800 • 56k modem, 10/100 LAN, Wireless LAN 	<p>Intel Centrino</p> 	<p>Acer AS2025WLM1 \$3035</p> <ul style="list-style-type: none"> • Intel Centrino 1.8Ghz processor • 512mb DDR memory (2 x 256mb) • ATI Mobility Radeon 9700 graphics • 80gb hard drive, Windows XP Professional • DVDWriter plus 4 in 1 memory reader • 15.4 inch Wide XGA display 1280x800 • 56k modem, 10/100 LAN, Wireless LAN, Bluetooth

DIGITAL CAMERAS

HP 3 megapixel with 5x digital zoom!



• 1.5" colour display
• 5x Digital Zoom
• 16mb included
• SD memory slot
• Model 434

\$169⁹⁵

MP3 PLAYERS

Lexar JumpGear with 256mb 112⁹⁵
(Earbuds, Two AA batteries = 44 hours of play)

Rio Chiba 256mb 201⁹⁵
(Earbuds, One AAA battery = 18 hours of play)

Rio Nitrus 1.5GB 250⁹⁵
(Earbuds, LION battery, USB2)

Apple iPod Mini 4GB 348⁹⁵
(Colours available: Silver, Green, Pink, Blue, or Gold)

Apple iPod 20GB 419⁹⁵
(Earbuds, LION battery, USB2, Remote, M9244C)

Apple iPod 40GB 549⁹⁵
(Earbuds, LION battery, USB2, Remote, M9245LL)

Creative Labs Muvo NX 128mb 149⁹⁵
(Headphones, AAAbattery, USB2, Microphone)

Creative Labs Muvo NX 256mb 182⁹⁵
(Headphones, AAAbattery, USB2, Microphone)

Creative Labs Nomad Zen 30GB .. 317⁹⁵
(Headphones, LION battery, USB2)

Creative Labs Nomad Zen 40GB .. 410⁹⁵
(Headphones, LION battery, USB2)

GPS Navigation Bundle

Complete kit including Toshiba's E400 Pocket PC, GPS receiver with Canadian mapping software, Detailed street level maps, USB cable assembly, car charger, and E400 holder. Voice prompted turn-by-turn guidance, Auto or one-touch re-routing, GPS navigation with moving maps.

\$599



Other models and add-on's for existing Pocket PC's available.

PDA'S

Asus A716
\$542⁹⁵



- 400MHz
- 64mb memory
- Pocket PC OS
- Both CF and SD slots
- Bluetooth & WiFi 802.11b

ASUS
A620-BT (400MHz, 64mb, Bluetooth) .. 445⁹⁵

PALM COMPUTING
ZIRE 31 (200MHz, 16mb, Colour) 190⁹⁵
ZIRE 72 (312MHz, 24mb, Colour) 398⁹⁵
TUNGSTEN E (126MHz, 32mb, Colour) 262⁹⁵
TUNGSTEN T3 (400MHz, 64mb, Blue) 478⁹⁵
TUNGSTEN C (400MHz, 64mb, WiFi) . 467⁹⁵
TUNGSTEN W (33MHz, 16mb, Cellular) 317⁹⁵

CANON PowerShot Series

A310 (3 Megapixels) 249⁹⁵
A60 (2 Megapixels) 289⁹⁵
A75 (3 Megapixels) 379⁹⁵
A80 (4 Megapixels) 479⁹⁵
S410 (4 Megapixels) 519⁹⁵
S500 (4/5 Megapixels) 619⁹⁵
G5 (5 Megapixels) 829⁹⁵
S50 (5 Megapixels) 689⁹⁵
SD10S (4 Megapixels) 379⁹⁵
S1is (3 Megapixels) 649⁹⁵

SONY CyberShot Series

DSCU30 (2 Megapixels) 315⁹⁵
DSCU60 (2 Megapixels) 364⁹⁵
DSCV1 (5 Megapixels) 714⁹⁵
DSCW1 (5 Megapixels) 582⁹⁵
DSCP52 (3 Megapixels) 304⁹⁵
DSCP32 (3 Megapixels) 265⁹⁵
DSCF717 (5 Megapixels) 889⁹⁵
DSCF828 (8 Megapixels) 1246⁹⁵

SONY Handycam Video Camera's

DCR-TRV260 477⁹⁵
DCR-TRV460 537⁹⁵
DCR-TRV38 973⁹⁵

DIGITAL MEMORY MODULES

LEXAR 40X COMPACT FLASH (CF)

256MB 40X HSS Version 79⁹⁵
512MB 40X HSS Version 149⁹⁵
1024MB 40X HSS Version 269⁹⁵
8192MB 40X Pro Version 5795⁹⁵

NEW 80x LEXAR COMPACT FLASH

512MB 80X Pro Version 229⁹⁵
1024MB 80X Pro Version 449⁹⁵
2048MB 80X Pro Version 749⁹⁵
4096MB 80X Pro Version 1695⁹⁵

LEXAR MEMORY STICK (MS)

128MB 65⁹⁵
256MB Switchable 2x128mb 109⁹⁵
256MB Pro Version 124⁹⁵
512MB Pro Version 329⁹⁵

LEXAR SECURE DIGITAL (SD)

128MB 49⁹⁵
256MB 79⁹⁵
512MB 159⁹⁵
256MB 32x 109⁹⁵
512MB 32x 189⁹⁵

FLASH DRIVES/USB MEMORY KEYS

These USB mini pocket drives allow you to transport your data quickly and easily.

Lexar 256mb Jumpdrive Sport USB2 .. 61⁹⁵
Lexar 512mb Jumpdrive Sport USB2 129⁹⁵
Lexar 256mb Jumpdrive Pro USB2 74⁹⁵
Lexar 512mb Jumpdrive Pro USB2 .. 149⁹⁵
Sandisk 256mb Cruiser Mini USB2 ... 65⁹⁵
Sandisk 512mb Cruiser Mini USB2 . 129⁹⁵

TOSHIBA
E400 (300MHz, 64mb) 335⁹⁵
E800 (400MHz, 128mb, WiFi) 713⁹⁵

- Custom quotes available
- Corporate purchase orders welcome
- All Grey-Tech systems come with a full parts and labour warranty
- Prices already cash discounted, any other form of payment will be cash discounted plus surcharge.
- Prices subject to change without notice
- All products come with manufacturers warranty - we do not sell used items
- We ship across Canada

40016724

Grey-Tech reserves the right to withdraw pricing, products, or services without notice. Grey-Tech assumes no responsibility for errors in content or pricing. Some items are limited time offers.

16 Years In Business

550 Alden Rd., Unit #110
Markham, Ontario L3R 6A8
Telephone: (905) 470-1425
Fax: (905) 470-9556

GREY TECH

COMPUTER INC.

HARDWARE • SOFTWARE • ACCESSORIES

Directions & Hours
4 Lights North of Steeles Avenue
1 Block West of Warden Avenue
Hours: Monday - Friday: 9am - 6pm
Saturday: Starting August 21st,
10am - 2pm

PROCESSORS

All include heatsink, fan and 3 year warranty

INTEL CELERON Retail	
2.00Ghz (400Mhz, 128mb cache)	99 ⁹⁵
2.40Ghz (400Mhz, 128mb cache)	108 ⁹⁵
2.50Ghz (400Mhz, 128mb cache)	120 ⁹⁵
2.70Ghz (400Mhz, 128mb cache)	158 ⁹⁵
INTEL PENTIUM 4 Retail	
2.40Ghz (533Mhz, 1mb cache)	199 ⁹⁵
2.80Ghz (800Mhz, 1mb cache)	259 ⁹⁵
3.00Ghz (800Mhz, 512kb cache)	329 ⁹⁵
3.00Ghz (800Mhz, 1mb cache)	319 ⁹⁵
3.20Ghz (800Mhz, 512kb cache)	399 ⁹⁵
3.20Ghz (800Mhz, 1mb cache)	429 ⁹⁵
3.40Ghz (800Mhz, 1mb cache)	629 ⁹⁵
AMD THOROUGHbred Retail	
XP 2200+ (266Mhz)	102 ⁹⁵
XP 2600+ (333Mhz)	135 ⁹⁵
XP 2700+ (333Mhz)	155 ⁹⁵
AMD BARTON Retail	
XP 2500+ (333Mhz)	126 ⁹⁵
XP 2800+ (333Mhz)	205 ⁹⁵
XP 3000+ (333Mhz)	289 ⁹⁵
XP 3200+ (400Mhz)	289 ⁹⁵
AMD OPTERON Retail	
OPTERON 240 (1.4Ghz)	299 ⁹⁵
OPTERON 242 (1.6Ghz)	459 ⁹⁵
AMD ATHLON 64 Retail	
2800+ (333Mhz)	262 ⁹⁵
3000+ (333Mhz)	316 ⁹⁵
3200+ (333Mhz)	358 ⁹⁵
3400+ (333Mhz)	575 ⁹⁵
3400+ (333Mhz)	684 ⁹⁵

MOTHERBOARDS

FOR INTEL PROCESSORS	
ASUS P4VP-MX w/Video	71 ⁹⁵
GIGABYTE GA8S661FXM w/Video	89 ⁹⁵
ASUS P4S800-MX w/Video	94 ⁹⁵
ASUS P4S800	98 ⁹⁵
ASUS P4S800D	104 ⁹⁵
ASUS P4S800D-E-DX	148 ⁹⁵
ASUS P4PE2-X	92 ⁹⁵
ASUS P4P800-S	108 ⁹⁵
ASUS P4R800-VM w/ATI Video	116 ⁹⁵
ASUS P4P800-VM w/Video	138 ⁹⁵
ASUS P4P800-SE	140 ⁹⁵
ASUS P4P800-E-DX	162 ⁹⁵
ASUS P4C800-E-DX	253 ⁹⁵
ASUS PC-DL-DX for Dual Xeon	260 ⁹⁵
FOR AMD PROCESSORS	
ASUS A7V8X-X	84 ⁹⁵
ASUS A7V600-X	101 ⁹⁵
ASUS A7N8X-X	105 ⁹⁵
ASUS A7V600	113 ⁹⁵
ASUS A7N8X-E-DX	142 ⁹⁵
ASUS K8V (for Athlon 64)	141 ⁹⁵

SOUND CARDS

CREATIVE LABS	
128 (PCI/OEM)	29 ⁹⁵
AUDIGY ES 5.1 (OEM)	66 ⁹⁵
AUDIGY 2 LS	69 ⁹⁵
AUDIGY 2 ZS	132 ⁹⁵
AUDIGY 2 ZS Gamer Limited Edition	163 ⁹⁵
AUDIGY 2 PLATINUM ZS	239 ⁹⁵
AUDIGY 2 PLATINUM ZS PRO	304 ⁹⁵

Shop online at
www.greytech.com

HARD DRIVES



We turn on ideas

SEAGATE EIDE (PATA)	
40GB (ST340014A) 2mb	77 ⁹⁵
80GB (ST380011A) 2mb	94 ⁹⁵
120GB (ST3120022A) 2mb	117 ⁹⁵
120GB (ST3120028A) 8mb	129 ⁹⁵
160GB (ST3160023A) 8mb	137 ⁹⁵
200GB (ST3200822A) 8mb	172 ⁹⁵
SEAGATE SERIAL (SATA)	
80GB (ST380013AS) 8mb	102 ⁹⁵
120GB (ST3120026AS) 8mb	133 ⁹⁵
160GB (ST3160023AS) 8mb	159 ⁹⁵
200GB (ST3200822AS) 8mb	184 ⁹⁵
SEAGATE SCSI	
18GB (ST-318453LV) 15,000 rpm	296 ⁹⁵
36.6GB (ST-336607LV) 10,000 rpm	227 ⁹⁵
36GB (ST-336753LV) 15,000 rpm	435 ⁹⁵
73.3GB (ST-373307LV) 10,000 rpm	452 ⁹⁵
73.3GB (ST-373453LV) 15,000 rpm	891 ⁹⁵
146GB (ST-3146807LV) 10,000 rpm	884 ⁹⁵
WESTERN DIGITAL IDE (PATA)	
80GB (800BB) 2mb	88 ⁹⁵
80GB (800JB) 8mb	100 ⁹⁵
120GB (1200BB) 2mb	127 ⁹⁵
120GB (1200JB) 8mb	129 ⁹⁵
160GB (1600JB) 8mb	149 ⁹⁵
200GB (2000BB) 2mb	166 ⁹⁵
200GB (2000JB) 8mb	180 ⁹⁵
250GB (2500JB) 8mb	284 ⁹⁵
WESTERN DIGITAL Serial (SATA)	
36GB (360GD) 8mb 10,000 rpm	179 ⁹⁵
74GB (740GD) 8mb 10,000 rpm	305 ⁹⁵
120GB (1200JD) 8mb	140 ⁹⁵
200GB (2000JD) 8mb	193 ⁹⁵
250GB (2500JD) 8mb	300 ⁹⁵
MAXTOR EIDE (PATA)	
160GB (6Y160L0) 8mb	135 ⁹⁵
200GB (6Y200P0) 8mb	180 ⁹⁵
250GB (7Y250P0) 8mb	282 ⁹⁵
300GB (5A300J0) 2mb	334 ⁹⁵

DVD DUPLICATOR

7 Target DVD Duplicator



\$1427
One button operation

Simply put an original disc in the reader, put blanks in each of the writers, push the start button! Copies are ready in as little as 7 minutes.

- Fully self contained tower unit
- Uses 7 Pioneer 107 +/- OEM drives
- User friendly LCD interface
- Simple push button operation
- 32mb cache buffer for reliability
- Supports 8x + and - writing
- Auto speed drop for unqualified media
- Designed for continuous usage

As listed (#GT-DVDDUP-7) **\$1427.00**
3 Target unit (#GT-DVDDUP-3) **\$879.00**

OPTICAL DRIVES

CD/CDWRITERS/DVD-ROM	
CD-ROMS	
LG 52x (EIDE)	22 ⁹⁵
LITE-ON 52x (EIDE)	24 ⁹⁵
DVD-ROMS	
LG DVD 16X	38 ⁹⁵
LITEON 16X	43 ⁹⁵
CD WRITERS	
LG (GCE-8525B) 52x32x52	46 ⁹⁵
PLEXTOR (W5224) 52x24x52	100 ⁹⁵
COMBINATION DRIVES (CD Writer and DVD Reader)	
LG (GCC-4521) 52x32-16X	69 ⁹⁵
DVD WRITERS	
INTERNAL MODELS	
PIONEER (DVR-107) 8x + 8x -	117 ⁹⁵
BENQ (DW822A) 8x + 8x -	99 ⁹⁵
PLEXTOR (PX-708A) 8x + 4x -	209 ⁹⁵
PLEXTOR (PX-712A) 12x + 8x -	218 ⁹⁵
LACIE 8x + 8x - #300732	177 ⁹⁵
LG (4081BB) 8x + 4x -	102 ⁹⁵
LG (4082BB) 8x + 4x -	99 ⁹⁵
EXTERNAL MODELS	
PLEXTOR PX-708UFSW 8x + 4x -	349 ⁹⁵
<i>(both Firewire AND USB 2 Interfaces)</i>	
PIONEER 8x + 8x - USB & Firewire ..	219 ⁹⁵
<i>(both Firewire AND USB 2 Interfaces)</i>	
LACIE 8x + 8x - USB #300735u	203 ⁹⁵

DVD / CD MEDIA

prince DVD-R
4.7GB, 4x



\$31.95
spindle of 50

Ritek Brand DVD Media	
DVD-R 4x 25 Pack	21 ⁹⁵
DVD-R 4x 50 Pack	41 ⁹⁵
DVD-R 4x 25 Pack	22 ⁹⁵
DVD-R 8x 25 Pack	49 ⁹⁵
DVD-R 4x 50 Pack Printable	55 ⁹⁵
DVD-R 4x 100 Pack Printable	98 ⁰⁰

CD-R Media	
Ritek 100 Bulk Pack	27 ⁹⁵
Ritek 50 Bulk Pack Printable	19 ⁹⁵

DVD/JEWEL CASES

Jewel Case Single Acrylic	0.25
Pack of 50	\$10
Pack of 100	\$16
Jewel Case Single (Slim) Acrylic	0.21
Pack of 50	\$8 ⁵⁰
Pack of 100	\$14
Jewel Case Double Acrylic	0.39
Pack of 50	\$13
Pack of 100	\$23
Jewel Case Quad Acrylic	0.75
Pack of 50	\$32
Pack of 100	\$60
DVD Case Single Vinyl	0.59
Pack of 50	\$20
Pack of 100	\$35
DVD Case Single (Slim) Vinyl	0.59
Pack of 50	\$20
Pack of 100	\$35
DVD Case DOUBLE Vinyl	0.69
Pack of 50	\$26 ⁵⁰
Pack of 100	\$40
White Window Envelopes	9.90
Pack of 100 for CD & DVD's	

CASES

GREY-TECH	
GT-5130 (500 watts, USB)	44 ⁹⁵
GT-80569 (200 watts, USB)	89 ⁹⁵
<i>(Home Theatre/PVR micro desktop)</i>	
RMC4S 4u Rackmount chassis	249 ⁹⁵
<i>(with Enermax 450 watt power supply)</i>	
SCORPIO	
868W-B (450 watts, USB, audio)	79 ⁹⁵
<i>(Black with red accents, 3 fans, window)</i>	
ANTEC	
P160 (Aluminum, no power, IO panel)	173 ⁹⁵
SONATA (380 watts, USB)	150 ⁹⁵
SUPERLANBOY (no power, USB)	120 ⁹⁵
PLUS1080AMG (430 watts, USB)	182 ⁹⁵
PLUSVIEW1000 (window, no power)	108 ⁹⁵
SLK1600 (300 watts, USB)	74 ⁹⁵
SLK2600AMB (300 watts, USB)	90 ⁹⁵
SLK3700AMB (350 watts, USB)	108 ⁹⁵
SLK3700BQE (350 watts, USB)	122 ⁹⁵
SX1000II (no power)	85 ⁹⁵
SX1040BII (400 watts)	145 ⁹⁵
SX630II (300 watts)	110 ⁹⁵
SX635BII (300 watts)	120 ⁹⁵
SX835II (350 watts)	127 ⁹⁵
CHENNING	
601AE (Aluminum, no power, beige)	76 ⁹⁵
601AE (Aluminum, 450w, green)	132 ⁹⁵
<i>(Bright green, 3 fans, side window)</i>	

VIDEO CARDS

CELESTICA Radeon Series	
9200SE 64MB, TV Out	58 ⁹⁵
9200SE 128MB, TV Out	67 ⁹⁵
9200 256MB, TV Out	102 ⁹⁵
9600XT 128MB, TV Out	222 ⁹⁵
9600XT 256MB, TV Out	244 ⁹⁵
X800 Pro 256MB, TV Out	561 ⁹⁵
ASUS Radeon Series	
R9200SE/T/64 64MB, TV Out	63 ⁹⁵
R9200SE/TD 128 128MB, TV Out	74 ⁹⁵
R9600SE/TD 128MB, TV Out	120 ⁹⁵
R9600XT/VTD 128MB, VideoIn/Out	267 ⁹⁵
R9800PR/VTD 256MB, VideoIn/Out	479 ⁹⁵
R9800XT/VTD 256MB, VideoIn/Out	583 ⁹⁵

ATI TECHNOLOGIES

Radeon Series	
9600XT 128MB	259 ⁹⁵
9800 Pro 128MB	340 ⁹⁵
X800 Pro 256MB	599 ⁹⁵
All-In-Wonder Series	
<i>(Featuring TV Tuner, Video Editing, Digital VCR)</i>	
All-In-Wonder VE (PCI)	169 ⁹⁵
9000Pro 64MB	223 ⁹⁵
9600XT 128MB with remote	320 ⁹⁵
9800 Pro 128MB with remote	489 ⁹⁵

POWER SUPPLIES

ANTEC TruePower Series	
TRUE Power 330 watts	77 ⁹⁵
TRUE Power BLUE 480 watts	145 ⁹⁵
TRUE Power 550 watts	159 ⁹⁵
ENERMAX	
Dual Fan 350 watts	69 ⁹⁵
NoiseTaker EG735P 370 watts	81 ⁹⁵
NoiseTaker EG425P 420 watts	100 ⁹⁵
NoiseTaker EG475P 470 watts	113 ⁹⁵
NoiseTaker EG701P 600 watts	175 ⁹⁵

GREY-TECH	
GT-420ATX 420watts	39 ⁹⁵

All trademarks and trade names are used to identify entities claiming the marks and names of their products. Grey-Tech Computer Inc. disclaims any interest in trademarks or trade names except its own.

16 Years In Business

550 Alden Rd., Unit #110
Markham, Ontario L3R 6A8
Telephone: (905) 470-1425
Fax: (905) 470-9556

GREY TECH

COMPUTER INC.

HARDWARE • SOFTWARE • ACCESSORIES

Directions & Hours
4 Lights North of Steeles Avenue
1 Block West of Warden Avenue
Hours: Monday - Friday: 9am - 6pm
Saturday: Starting August 21st,
10am - 2pm

CRT MONITORS

ViewSonic P95F+

- 19" UltraBrite Display
- 25mm aperture grille
- 87Hz @ 1600x1200

\$343⁹⁵



Also available
in black

VIEWSONIC 17"	
E70B	169 ⁹⁵
E70F/E70FB	195 ⁹⁵ / 196 ⁹⁵
G70F	200 ⁹⁵
G71F+B / G71F+SB	224 ⁹⁵ / 224 ⁹⁵
P75F+B	247 ⁹⁵
P70F/P75F+	268 ⁹⁵ / 250 ⁹⁵

VIEWSONIC 19"	
E90/E90F	248 ⁹⁵ / 300 ⁹⁵
E90FB	300 ⁹⁵
P95F+ / P95F+BK	343 ⁹⁵ / 343 ⁹⁵
VIEWSONIC 21"	
G810	586 ⁹⁵
G220FB	612 ⁹⁵
VIEWSONIC 22"	
P220F	726 ⁹⁵
P225FB/P225F	802 ⁹⁵ / 808 ⁹⁵

SAMSUNG 17"	
753DF	188 ⁹⁵
SAMSUNG 19"	
955DF	261 ⁹⁵
ACER 17" AC713	149 ⁹⁵

Convert your CRT or LCD monitor into a TV with ViewSonic's NextVision video processor. Starting at \$136.95.

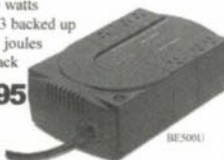


POWER BACKUP

Protect your hardware and data with a UPS from American Power!

- 500va/300 watts
- 6 Outlets, 3 backed up
- Surge 365 joules
- 1 Phone jack

\$78⁹⁵



BACK-UPS

BE500U (11/24HR/300W)	78 ⁹⁵
BK500 (10/7HR/300W)	142 ⁹⁵
BR1000 (16/3HR/670W)	271 ⁹⁵
BR1500 (27/5HR/1000W)	313 ⁹⁵

The BR1500 lets the average server continue to run for over an hour when the power fails.

BACK-UPS PRO

BP280S (23/4HR/180W)	169 ⁹⁵
BP500UC (13/7HR/315W)	154 ⁹⁵
BP1000 (16/3HR/670W)	487 ⁹⁵

SMART-UPS

SUA750XL (50/3HR/600W)	510 ⁹⁵
SUA1000 (20/3HR/870W)	528 ⁹⁵
SUA1000XL (33/5HR/800W)	667 ⁹⁵
SUA1500 (24/3HR/980W)	655 ⁹⁵
SU420NET (15/5HR/390W)	216 ⁹⁵
SU620NET (13/5HR/260W)	296 ⁹⁵
SU700NET (18/3HR/450W)	316 ⁹⁵
SU2200NET (32/5HR/1600W)	1011 ⁹⁵

(The bracketed numbers refer to a units backup time in minutes, recharge time, & wattage capacity)

LCD MONITORS



ViewSonic VP171B

- 17" viewable screen
- 500:1 contrast ratio
- 16ms access time
- 260 nits brightness
- Digital (DVI) and Analog (VGA) inputs

\$649⁹⁵

Professional display that pivots to portrait mode for full document views.

BENQ 15"	
FP557-WP White & Purple	449 ⁹⁵
FP557-W White	448 ⁹⁵
BENQ 17"	
FP757-WP16 White & Purple	534 ⁹⁵
FP767-BS1216 Black&Silver 12ms	555 ⁹⁵
BENQ 19"	
FP95116 Grey & Black	871 ⁹⁵
VIEWSONIC 15"	
VE510B / VE510S	486 ⁹⁵ / 480 ⁹⁵
VIEWSONIC 17"	
VE700 / VE175	591 ⁹⁵ / 606 ⁹⁵
VE710B / VE710S	575 ⁹⁵ / 575 ⁹⁵
VG700B	637 ⁹⁵
VP171B (16ms, 500:1, 1280x1024)	700 ⁹⁵
VIEWSONIC 18"	
VP181B	914 ⁹⁵
VP181S	914 ⁹⁵
VIEWSONIC 19"	
VX900	835 ⁹⁵
VG900B	861 ⁹⁵
VP191B / VP191S	1006 ⁹⁵ / 1006 ⁹⁵
VIEWSONIC 20"	
VX2000	1329 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

ENVISION 15"	
5200E Silver	430 ⁹⁵
ENVISION 17"	
7100Si Silver	540 ⁹⁵
SAMSUNG 15"	
153V-S Silver	440 ⁹⁵
SAMSUNG 17"	
172X Silver	723 ⁹⁵
173T Black / Silver	643 ⁹⁵ / 658 ⁹⁵
713V Sil	569 ⁹⁵
SAMSUNG 19"	
191N Silver	861 ⁹⁵
191T+ Silver	911 ⁹⁵
193S Black	861 ⁹⁵
910T Black or Silver	952 ⁹⁵
910V Black	939 ⁹⁵
913V Black	939 ⁹⁵

PROJECTORS

BenQ Home Theatre Projector



- 1700 and lenses
- 2000:1 contrast ratio
- XGA 1024x768
- 4:3 & 16:9 aspect
- 3000 hour lamp life
- 102TV compatible

\$2248⁹⁵

BENQ 2000:1/1500/SVGA PB6100	1470 ⁹⁵
BENQ 2000:1/1700/XGA PB2200	2248 ⁹⁵
BENQ 2000:1/2200/XGA PB7200	2586 ⁹⁵
BENQ 2000:1/2500/XGA PB7200	3316 ⁹⁵
VIEWSONIC 3000:1/1200/SVGA PJ510	1396 ⁹⁵
VIEWSONIC 2000:1/1000/XGA PJ255D	2549 ⁹⁵

NETWORKING

D-Link Wireless "G" Bundle



- 4 Port Wireless Router 802.11G
- Notebook wireless card 802.11G

\$189⁹⁵

HUBS & SWITCHES

DLINK Switch 5-port 100/1000 DGS-1005D	115 ⁹⁵
DLINK Switch 8-port 10/100/1000 DGS-1008D	220 ⁹⁵
DLINK Switch 5-port DSS-5+	48 ⁹⁵
DLINK Switch 8-port 10/100 DSS-8+	69 ⁹⁵

Small is beautiful

Flash-based audio players an affordable alternative
The iPod and its hard drive-based ilk may top most gadget geeks' wish lists, but their high capacity comes at a high price and there are music fans out there who don't see the need to carry every song they've ever heard wherever they wander. For those of more modest means or needs, flash memory-based players can be an affordable alternative. They are also skip-proof and very compact, making them a practical solution for runners, gym goers, or those who you really need to travel light.

Recently, we looked at a variety of compact MP3 players. All were Windows and Mac compatible, but the software extras that came with several of the players could only be launched on a Windows PC.

BeatSounds EMP-Z II and EVR-500

During our product testing period, we looked at the original EMP-Z, which is a 15 g coin-size player that hangs from a necklace-like loop that doubles as the earphone cable and uses a single USB connector to recharge and transfer files from a PC. Just before press time, however, BeatSounds announced that it is replacing this model with the EMP-Z II. We didn't get a chance to test it, but the specs show that the newer player is almost twice the weight (28 g) and not as compact, but does add a colour LCD. The original had no LCD, which meant you couldn't see the title of the song playing and had to navigate by listening. The EMP-Z II's screen can also be used as an image viewer, using the included formatting software. (If you like the idea of a coin-sized player, BenQ is introducing the Joybee 102—which closely resembles the EMP-Z—“soon,” according to the company's Web site.)

Not as pretty, but far more versatile, the EVR-500 adds features like audio recording (in MP3 format), an FM tuner, and a line-in jack (see “No PC?” pg. T016). The player has a monochrome LCD that displays text for navigating the player's various features, and showing the title of songs in MP3 mode. Like the EMP-Z II, it comes with a neck strap that also carries the earphone cable. In this case, though, it is not adjustable. It runs on a single AAA battery.

A feature unique to this model is a slide-out USB connector, which means it can plug directly into a PC's USB port or hub without requiring a cable.

Another month, another iPod

For the fourth-generation iPod, Apple (www.apple.ca) has pared down the controls to a single touch-sensitive Click Wheel, made it slightly slimmer, goosed battery life to 12 hours (according to Apple), and given the LCD a blue hue. The new iPod is available now in 20 GB and 40 GB capacities for \$429 and \$559, respectively. Only the 40 GB model comes with a dock.

Though iTunes is not yet available in Canada, the iPod Mini finally is. Announced in January, Apple claimed that high demand for the small device in the U.S. delayed international availability. The iPod Mini is a slither, lighter (103 g compared to 176 g for the 40 GB iPod) iPod, available in five pastel colours, with a 4 GB hard drive (for up to 1,000 songs compared to the 10,000-song capacity of 40 GB version).

The new iPods and iPod Minis are all available for Windows or Mac operating systems.

Video Editing 3D Systems



Discreet

3D Studio MAX 6

Discreet Canada's Largest Authorized VAR

Combustion 3

Free Seminar - June 10

Avid Adobe
DVD Authoring

Call us before you buy!

matrox RTX100

NewTek Toaster3

Storage Systems

Canopus Dual Xeon

**8X DVD
Duplicator**



Editing & Animation
Systems



**IC
Technology**

844 The Queensway
Toronto, Ontario
www.itech.ca
(416)869-0001

40014124

Clearance Sale Tel: 416-742-8951 1-800-460-5221

QUALITY OFF-LEASE PENTIUM SYSTEMS			
<p>Tower \$95. Dell OR Compaq Pentium 2 350MHz 64MB SDRAM, 6.4GB Hard Drive CD-ROM, Floppy, 10/100 Ethernet, AGP Video, Sound Keyboard & Mouse</p>	<p>Tower \$139. Compaq In Stock Pentium 3 450MHz 128MB SDRAM, 6.4GB Hard Drive CD-ROM, Floppy, 10/100 Ethernet, AGP Video, Sound Keyboard & Mouse</p>	<p>Tower \$189. HP DVD Pentium 3 550MHz 128MB SDRAM, 10GB Hard Drive DVD-ROM, Floppy, 10/100 Ethernet, Video, Sound Keyboard & Mouse</p>	<p>Tower \$209. Dell OR Compaq Pentium 3 733MHz 128MB SDRAM, 10GB Hard Drive CD-ROM, Floppy, 10/100 Ethernet, Video, Sound Keyboard & Mouse</p>
We Carry The Largest Selection Of Refurbished & Off-lease Monitors In The GTA			
<p>17" Call ALL Major Brands Grade A- \$49.99 Perfectly Flat Tube Grade A \$79.99 Dell IBM.</p>	<p>19" In Stock ALL Major Brands Grade B \$79.99 Perfectly Flat Tube Grade A \$169.99 Dell HP</p>	<p>21" In Stock IBM, Compaq, Dell ALL Major Brands Grade A \$159.99 Perfectly Flat Tube Grade A \$219.99</p>	<p>22" In Stock NEC FE1250 Perfectly Flat Pro Series Grade A \$299.99 NEC/MITSUBISHI</p>
+ This Month's Hottest Deals +			
<p>15" Monitors ALL Major Brands Grade B \$19.99 Grade A COMPAQ V500 S510 Starting From \$29.99</p>	<p>3-D Video Cards AGP 16MB NVIDIA OR PCI 16MB NVIDIA \$9.99 In Stock New Pulls</p>	<p>21" Hitachi Elite 21 Grade B Great Picture Plastic Case Disclosed \$95.</p>	<p>COMPAQ Desktop \$209. Pentium 3 866MHz 128MB SDRAM, 15GB Hard Drive CD-ROM, Floppy, 10/100 Ethernet, Video, Sound Keyboard & Mouse</p>
We Repair All Monitors And Give 90 Day Warranty On All Repairs			
<p>max Canada</p>		<p>117 Carnarvon Street Unit100, Toronto M6M 3C Caledonia</p>	<p>Hours Mon-Fri 11am-8pm Sat 12-5pm</p>

40016224

2788 Bathurst Street, Unit 10-3
North York, Ontario M6B 3A3
Tel: (416) 781-0496
Fax: (416) 781-2759
Email: support@cybraian.ca

Lawrence
Glencairn
Bathurst

Beside Royal Bank
Free Parking In
Parking Lot

Cybraian Computer

Check our latest price @ www.cybraian.ca

All parts and systems are brand new unless specified

Mon - Fri: 10:00am-7:30pm
Sat : 10:00am-5:00pm

Free Parking In Rear Parking Lot

Dealer are welcomed!!!

Notebook

(Check details on website)

386+Wifi+CDRW+DVD \$999
Transmeta5600 CPU, 14.1TFT
256MB, 30G HDD, CDRW
56K Modem, LAN, Speaker
S-Video, VGA, 4 USB Ports

Intel P4 Celeron-2.4G (A2H) \$1139
15 TFT, 256MB, 40G HD, DVD-CDRW, 56K, LAN, PCMCIA
IEEE1394, 4USB2.0, TV-out, VGA, 3-in-1 Card Reader
P4-2.8G+256M+40G \$1279
P4-3.0G+512M+60G \$1479

Intel Centrino-1.5G (Z9) \$1419
15 TFT, 256MB, 40G, DVD-CDRW, 56K, LAN, 802.11B
2xIEEE1394, 4USB2.0, TV-out, ATI 128M Shared Video

Intel Centrino-1.5G (M3N) \$1459
14.1 TFT, 256MB, 40G, DVD-CDRW, 56K, LAN, PCMCIA
IEEE1394, 4USB2, Ultra Slim & thin, 4.8lb, 5.5Hrs

Intel Centrino-1.5G (M5N) \$1589
12 TFT, 256MB, 40G, DVD-CDRW, 56K, LAN, 802.11B
PCMCIA, IEEE1394, 4USB2.0, Ultra Small & thin, 3.5lb

Intel Centrino-1.5G (M6N) \$1699
15 TFT, 512MB, 40G, DVD-CDRW, 56K, LAN, PCMCIA
PCMCIA, IEEE1394, 4USB2.0, TV-out, 5.7lb, 5Hrs
ATI Radeon 9600 64M External Video, Dual Display
1400x1050 UXGA, Great for games and graphics
Call for price upgrading to 15.4 Wide Screen

Intel P4-3.0C (800FSB) (L56A) \$1859
15 TFT, 512MB, 40G, 1.44MB, DVD-CDRW, 56K, LAN
PCMCIA, IEEE1394, 4USB2.0, TV-out,
ATI Radeon 9600 Pro 128M Ext. Video, Dual Display
1400x1050 UXGA, Great for Games and Graphics
Upgrade to Centrino-1.6G +\$80 512MB +\$75

\$789
Intel P4-3.0CG
ASUS P4P800S M/B
512MB DDR3200 RAM
120GB 7200RPM HDD
LG 8x DVD+R/RW
Sony 1.44MB Floppy
ATI 9200SE 128MB DDR
5.1 Stereo Sound
10/100 Ethernet Card
350W ATX Case
Keyboard, Mouse
650W Subwoofer SPK

\$559
Intel P4-2.8CG
ASUS OEM US82.0 M/B
256MB DDR2700 RAM
80GB 7200RPM HDD
LG 52x32x52 CDRW
Sony 1.44MB Floppy
GF2 Mx400 64MB
(Non-Integrated)
5.1ch Bit Stereo Sound
10/100 Ethernet Card
350W ATX Case
Keyboard, Mouse, SPK

\$339
Intel P4 C-2.4G
ASUS OEM US82.0 M/B
256MB DDR2700 RAM
80GB 7200RPM HDD
LG 52x32x52 CDRW
Sony 1.44MB Floppy
64MB Video Shared
5.1ch Stereo Sound
10/100 Ethernet Card
350W ATX Case
Keyboard, Mouse, SPK
P4-2.4AE \$419

\$609
AMD XP2800+
ASUS A7V8X-X M/B
512MB DDR RAM
80GB 7200RPM HDD
LG 8x DVD+R/RW
Sony 1.44MB Floppy
ATI 9200SE 128MB DDR
5.1ch Stereo Sound
10/100 Ethernet Card
350W ATX Case
Keyboard, Mouse, SPK
650W Subwoofer SPK

\$429
AMD XP2500+
ASUS OEM M/B W/USB2
512MB DDR RAM
80GB 7200RPM HDD
LG 52x32x52 CDRW
Sony 1.44MB Floppy
GF2 Mx400 64MB
(Non-Integrated)
5.1ch Stereo Sound
10/100 Ethernet Card
300W ATX Case
Keyboard, Mouse, SPK

\$299
AMD Pro3200+
ECS M/B W/2 USB
256MB DDR RAM
40GB 7200RPM HDD
LG 52x CDRW
Sony 1.44MB Floppy
64MB Video Shared
5.1ch Stereo Sound
10/100 Ethernet
300W ATX Mid-Tower

Back to School Special!

\$99 Upgrade Kit

\$45
Pioneer OEM
100pc 4x DVD-R

\$10
SmartBuy 30pc
CD-R

\$93/119
LG 4082/4120
8/12x DVD-RW

\$5
Debranded USB
Keyboard

Charming Diabolic Case
Black Multimedia Keyboard
Black Optical Mouse
Black 6.1 Home Theatre
Black 17" CRT +139
Black 17" Flat LCD +479

\$139
120G External
USB2.0 HDD

\$58
D-Link 614
Wireless Router

\$145
40G Mobile Drive
USB2.0 w/Case

\$519
Samsung 17"
710V LCD

\$59
Apacer 256MB
Handy Drive

\$479
Benq FP731
17" LCD Black
(1-month wnty)

\$89
Lexmark X75
3-In-1 Printer

\$65
17" Dell/HP
(1-month wnty)

All prices are already 4% cash discounted. Other form of payment will be cash discounted price plus 4%. Price subject to change without notice. 28% in-stocking fee. All sales are final. 40013524

Super Special

\$699

Intel P4-2.8G
ASUS OEM Mainboard
512 MB DDR2700 RAM
80GB 7200RPM HDD
52x32x52 CDRW
& 16x DVD Combo
Sony 1.44MB Floppy
64MB 3D Video Shared
5.1 Channel Sound
10/100 LAN
Keyboard
Optical Mouse
650W Subwoofer SPK
350W ATX Case

17 LG Monitor
Upgrade to
17" Pure Flat + 30
17" Benq LCD +370

\$599

AMD XP2600+
ASUS OEM Mainboard
512 MB DDR2700 RAM
80GB 7200RPM HDD
52x32x52 CDRW
& 16x DVD Combo
Sony 1.44MB Floppy
64MB 3D Video Shared
5.1 Channel Sound
10/100 LAN
Keyboard
Optical Mouse
650W Subwoofer SPK
350W ATX Case

17 LG Monitor
Upgrade to
17" Pure Flat + 30
17" Benq LCD +370

BestPC4U

Toronto (416) 924-3330
10 Wellesley St. W.
Mon-Fri: 11am-7:30pm
Sat: 11am-6:00pm

Yonge St

Oshawa (905) 725-9920
30 Taunton Rd. E. UNIT 6
Mon-Fri: 11am-7:30pm
Sat: 11am-6:00pm

Scarborough (416) 297-8852
240 Alton Towers Circle, Unit A10
Mon-Fri: 12pm-9:30pm
Sat: 1pm-11:00pm

No.1 Special \$309
AMD XP 2800+
ASRock K7S41GX AMD
256MB DDR RAM
Integrated 3D Graphics,
Realtek AC97 audio,
10/100 Fast Ethernet
40GB/7200 HDD
LG 52x32x52x CDRW
P4 350W Front USB Case
Recommended Options:
56K Fax Modem +\$15
WordPerfect Office +\$25
Windows XP Home +\$110
17" Monitor LG 700S +\$130

Office Star \$339
Intel P4 Celeron 2.4G
ASRock GE Pro-M2
256MB DDR RAM
Integrated 3D Graphic
Realtek AC97 audio,
10/100 Fast Ethernet
40GB/7200 HDD/1.44MFD
NEC 16xDVD-ROM
P4 350W Front USB Case
Free KB, MS, Spks
Recommended Options:
To Celeron 2.6G +\$30
To ASUS P4SP-MX +\$15
CyberLink PowerDVD +\$10

Best Buy \$439
AMD XP 2500+ Barton
ASUS AT7X-MX
256MB DDR RAM
Integrated 3D Graphics,
5+1 Channels AC97 audio,
10/100 Fast Ethernet
80GB/7200 HDD/1.44MFD
LG 16xDVD&52x CDRW Combo
P4 350W Front USB Case
Free KB, MS, Spks
Free PowerDVD & Nero Exp.
Recommended Options:
Upgrade to 512MB +\$60
Upgrade to XP2800+ +\$60

Beyond Classic \$479
Intel P4 2.4G Prescott
MSI P4MAM-V
256MB DDR RAM
Integrated 3D Graphics,
SoundMAX Digital Audio,
10/100 Fast Ethernet
80GB/7200 HDD/1.44MFD
LG 16xDVD&52x CDRW Combo
P4 350W Front USB Case
Free KB, Opt. MS, Spks
Free PowerDVD & Nero Exp.
Recommended Options:
128M ATI R9200se +\$9
Canon I250 Printer +\$60

Free 6Ft USB 2.0 Cable
with Printer Purchase
(Valid Aug 01-31.04)
Coupon code #3006
no cash value

EXTREME GAMING \$699
AMD XP 3000+ Barton
ASUS A7N8X-X
512MB DDR400 RAM
GeForce Fx5200/128M
Integrated 6-ch audio,
10/100 Fast Ethernet
80GB/7200 8M HDD/1.44MFD
BenQ 8x DVD+-Writer
P4 350W Front USB Case
Internet KB & Opt. MS, Spks
Free Upgrade to Handle Case
Recommended Options:
Upgrade to 1GB RAM +\$120
Samsung 191N LCD +\$819

Back 2 School \$779
Intel P4 2.8G/800FSB/1M
ASUS P4P800SE
512MB DDR400 RAM
ATI Radeon 9200se/128M
Integrated 6-ch audio,
10/100 Fast Ethernet
80GB/7200 HDD/1.44MFD
Samsung 8xDVD+-Writer
P4 350W Front USB Case
Internet KB & Opt. MS, Spks
Free Upgrade to 80G/8M
Recommended Options:
Windows XP Pro. +\$188
SONY SMD573 LCD +\$599

PERFORMANCE \$1089
Intel P4 3.0G/800FSB/1M
ASUS P4P800-E-Deluxe
Kingston Dual Ch. 512MB/400
GeForce Fx5700se/256M
Integrated 6-ch audio,
10/100 Fast Ethernet
80GB/7200 HDD/1.44MFD
LG 8xDVD+-RW
AxiO 480W Dual Fan Case
Microsoft KB & MS, Spks
Free Upgrade to 120G/8M
Recommended Options:
Upgrade to P4 3.2G +\$79
SONY SMS93 LCD +\$959

PLATINUM \$1199
AMD Athlon 64 3000+
ASUS K8V se-Deluxe
Kingston Dual Ch. 512M/4
ATI Radeon 9600xt/256M
Integrated 6-ch audio,
10/100 Fast Ethernet
WD 120GB/7200 8M HDD
LG 8x DVD+-RW
P4 480W Dual Fan Window Case
Microsoft Cordless KB & Opt.
Free upgrade to WD 160G 8M
Recommended Options:
Upgrade to Dual Ch. 1024M +\$135
Upgrade to AMD 64 3200+ +\$90

Free 50pcs 52x CD-R
with System Purchase \$300-\$650
(Valid Aug 01-31.04)
Coupon code #3018
not with other coupon
no cash value

Free 25pcs 4xDVD-R
with System Purchase \$600 and up
(Valid Aug 01-31.04)
Coupon code #3025
not with other coupon
no cash value

MONITOR
Benq FP 557 15" LCD \$389
Benq 731V 17" LCD \$489
Benq FP 951 19" LCD \$799
LG 700S 17" CRT \$135
MAG 772U 17" Flat \$140
Samsung 793DF 17" Flat \$160
Samsung 955DF \$269

HARD DRIVES
MAXTOR W/D(2M) \$67/80
40G/80G 7200RPM
MAXTOR W/D/SG(8M)
80G/120G 7200RPM \$90/116
80G/250G 7200RPM \$130/236
SATA 80G/120G 8M \$96/126
SATA 160G/250G 8M \$145/249

VIDEO CARD
MSI TV TUNER \$70
GF Fx5200 128M(8X) \$79
GF Fx5500 256M(8X) \$168
GF Fx5900xt 128M(8X) \$259
ATI Radeon 9200se 128M \$60
ATI Radeon 9600 256M \$158
ATI Radeon 9600xt 256M \$249

CDROM/DVD/CDRW
LG 52X CDRW \$19
LG 16X DVD ROM \$32
LG 52X32X52 CDRW \$35
LG CDRW DVD Combo \$59
LG 8x DVD+-RW \$85
LG 12xDVD+-RW \$120
USB Enclosure EX. \$40

\$25.00 Store Money
with Fido Phone Purchase*
(Valid Aug 01-31.04)
Coupon code #3035
no cash value
*2yr agreement required.

Warranty: System(1yr parts & 2yr labor) Parts(90days) For More Weekly Specials & Updated Prices PLS Visit : www.BestPC4U.ca
All prices are already 4% discounted for cash. Other forms of payment are on regular prices. Prices and availability are subject to change without notice.

DEALERS
Welcome

New Type Computer Workshop
Your Downtown Computer Store

Mon ~ Fri
11:00 ~ 6:30
Sat
11:00 ~ 5:00
Sun & Holiday
Close

Open
Authorized Reseller

NewType

Zalman Reserator 1
Fanless Water Cooling



\$319

OPTIONS \$39
Zalman ZM-GWB1
VGA Water Block w/ Ramsinks

Soltek QBic



\$329.99

EQ3401M/MW (for P4)
EQ3701M/MW (for AMD)

Alienix
Home Theater PC Case



D-Vine 4 \$699.99
D-Vine 5 \$699.99
D-Vine 6 \$699.99
D-Vine 7 \$699.99
D-Vine 8 \$699.99
D-Vine 9 \$699.99
D-Vine 10 \$699.99
D-Vine 11 \$699.99
D-Vine 12 \$699.99
D-Vine 13 \$699.99
D-Vine 14 \$699.99
D-Vine 15 \$699.99
D-Vine 16 \$699.99
D-Vine 17 \$699.99
D-Vine 18 \$699.99
D-Vine 19 \$699.99
D-Vine 20 \$699.99
D-Vine 21 \$699.99
D-Vine 22 \$699.99
D-Vine 23 \$699.99
D-Vine 24 \$699.99
D-Vine 25 \$699.99
D-Vine 26 \$699.99
D-Vine 27 \$699.99
D-Vine 28 \$699.99
D-Vine 29 \$699.99
D-Vine 30 \$699.99
D-Vine 31 \$699.99
D-Vine 32 \$699.99
D-Vine 33 \$699.99
D-Vine 34 \$699.99
D-Vine 35 \$699.99
D-Vine 36 \$699.99
D-Vine 37 \$699.99
D-Vine 38 \$699.99
D-Vine 39 \$699.99
D-Vine 40 \$699.99
D-Vine 41 \$699.99
D-Vine 42 \$699.99
D-Vine 43 \$699.99
D-Vine 44 \$699.99
D-Vine 45 \$699.99
D-Vine 46 \$699.99
D-Vine 47 \$699.99
D-Vine 48 \$699.99
D-Vine 49 \$699.99
D-Vine 50 \$699.99
D-Vine 51 \$699.99
D-Vine 52 \$699.99
D-Vine 53 \$699.99
D-Vine 54 \$699.99
D-Vine 55 \$699.99
D-Vine 56 \$699.99
D-Vine 57 \$699.99
D-Vine 58 \$699.99
D-Vine 59 \$699.99
D-Vine 60 \$699.99
D-Vine 61 \$699.99
D-Vine 62 \$699.99
D-Vine 63 \$699.99
D-Vine 64 \$699.99
D-Vine 65 \$699.99
D-Vine 66 \$699.99
D-Vine 67 \$699.99
D-Vine 68 \$699.99
D-Vine 69 \$699.99
D-Vine 70 \$699.99
D-Vine 71 \$699.99
D-Vine 72 \$699.99
D-Vine 73 \$699.99
D-Vine 74 \$699.99
D-Vine 75 \$699.99
D-Vine 76 \$699.99
D-Vine 77 \$699.99
D-Vine 78 \$699.99
D-Vine 79 \$699.99
D-Vine 80 \$699.99
D-Vine 81 \$699.99
D-Vine 82 \$699.99
D-Vine 83 \$699.99
D-Vine 84 \$699.99
D-Vine 85 \$699.99
D-Vine 86 \$699.99
D-Vine 87 \$699.99
D-Vine 88 \$699.99
D-Vine 89 \$699.99
D-Vine 90 \$699.99
D-Vine 91 \$699.99
D-Vine 92 \$699.99
D-Vine 93 \$699.99
D-Vine 94 \$699.99
D-Vine 95 \$699.99
D-Vine 96 \$699.99
D-Vine 97 \$699.99
D-Vine 98 \$699.99
D-Vine 99 \$699.99
D-Vine 100 \$699.99

CoolerMaster
AquaGate ALC-U01
Liquid Cooling



\$299

AverMedia
Security DVRs

MP5004 \$565
LX5004 \$585
MP3004 \$520
4 Eyes Pro \$299



Shuttle XPC SN85G4 (AMD 64)



\$466

Silverstone Case



\$220~240

Nehemiah

VIA EPIA M10000 Mini-ITX

@VIA C3/EDEN 1GHz CPU Build-in
@onboard Video & TV out
@onboard & channel AC'97 Sound
@onboard USB2.0, IEEE 1394 & LAN
@onboard Serial & Parallel Port
@1 PCI Slot

Mainboard **\$225**

EPIA M2-6000 \$228.00
EPIA M2-10000 \$229.99
EPIA TC-6000 \$228.00
EPIA TC-10000 \$229.99
EPIA CL6000 \$226.00
EPIA CL10000 \$228.99
EPIA ME6000 \$195.00

Swiftch
MCW6000
CPU Water Block



\$63

Sony DRU-700A
Dual layer DVDRW



\$278

Thermaltake
Silent Tower



\$60

Zalman
CNPS-6000Cu



\$45

Thermaltake
SubZero



\$99

Vantec
Spectrum Mouse Pad



\$29

Shuttle ST62K
Quiet XPC



\$369

Noise Isolator
Water Cooler Kit



\$168

Vantec Spectrum
Egn Card Blue



\$19

Shuttle SB75S 1875
Soldam Case



\$535

Thermaltake
Smart LED Fan
80, 90, 120mm



\$14-25

Aero Cool
DPT02 Heatsink



\$66

CaseLogic
mini-ITX 2699R



\$125

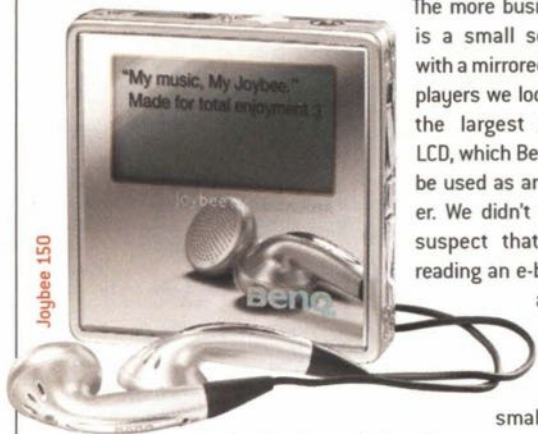
http://www.ntcw.com

Small is beautiful...

BenQ Joybee 110, 150

The two BenQ players we tested are very different looking devices, and are likely intended for different users.

The rounded tear-drop shaped 110 fits nicely in the hand and comes in a range of cool colours. It is a solid player that is easy to navigate using the monochrome LCD and trio of control buttons on the side. The CD includes QMusic software for converting audio files into MP3 format and building playlists. It can be set to automatically update when the Joybee is connected to the user's PC.



Joybee 150

The more business-like 150 is a small square player, with a mirrored finish. Of the players we looked at, it has the largest monochrome LCD, which BenQ claims can be used as an e-book reader. We didn't test this, but suspect that if you find reading an e-book on a PDA a awkward, reading one on the Joybee 150's smaller, low-resolution display won't be a feature you use frequently.

This player has a lot of other great features, though. Like the 110, it has a nice solid feel, the QMusic CD, and extras like a wired remote control, European and North American AC adapter, line-in jack (see "No PC?" pg T016), and carrying pouch.

Both BenQ players have internal rechargeable batteries that are rated for 10 hours of playback on a single charge.

Foxda FM-6602, FM-6603

While the Foxda brand is a relatively new to Canadians, its products are not. The Hong Kong-based company has been manufacturing MP3 players for other companies under their brands. Two of the first models to carry the Foxda name in Canada are

Tuning out

You likely bought your portable MP3 player to listen to music, but the same device can be used to listen to audio books on the go. U.S.-based Audible (www.audible.com) is the literary equivalent of music download sites like Puretracks.com and iTunes. Unlike iTunes, however, it is not limited to U.S. customers. Canadians can use the service to download digital audio books to their PC then transfer them to an MP3 player.

In addition to books, Audible distributes a wide range of what it calls spoken audio content — which includes magazines, newspapers, and radio programs, almost all of which are American. The variety of books, however, has a more international flavour and includes recent works by Canadian writers like Douglas Coupland, Yann Martel, and Margaret Atwood. It also has representation from best-selling authors like John Grisham and Stephen King.

Books can be purchased individually for about \$26.50* to \$42 each for newer, unabridged titles (about the retail price of audio CDs of the same titles), or as part of a monthly subscription. Monthly fees are \$19.75* for one book and a one-month audio periodical or radio program; or \$26.50* for two audio books each month.

The site supports both Mac and Windows operating systems.

*Converted from US dollars.

Laptop Closeout.com



Since 1996

Quality excellence & Exceptional Value

The Difference!

- ✓ Battery Warranty
- ✓ Software Package
- ✓ Internet Ready
- ✓ Excellent Cosmetics
- ✓ Money Back Guarantee
- ✓ Back up Software
- ✓ User Guide
- ✓ Up to 70% Off

IBM PII Laptops

13.3" Screen, 6gb, CD, Floppy, Modem, Windows 98 & More

Dial up internet Ready

From **\$399.00**



IBM PIII Laptop

14" Screen, 12gb, CD, Floppy, Modem, Network Card, Win 2000 & More

Dial up and High speed internet Ready

From **\$649.00**



COMPAQ P4 Laptops

15" Screen, 30gb, CDRW, DVD, Floppy, Modem, Network Card, Win XP & More

Dial up and High speed internet Ready

From **\$1099.00**



Large Selection of PII, PIII & P4 Laptops in Stock
Call or Visit Website for Availability

www.Laptopcloseout.com

Showroom in Downtown Toronto on Bay & Bloor
@ 70 Yorkville Ave.

416-975-0748

40023224

Small is beautiful...

the FM-6602 and FM-6603.

The FM-6602 is the larger of the pair, resembling a disposable lighter. It has a monochrome LCD and, in addition to playing audio files, has an FM tuner and can be used to record voice notes. The FM-6603 is slightly smaller than the FM-6602 but manages to pack in an extra feature, a CD line-in cable (see "No PC?" below).

The small size of both players means that each control buttons does double (and even triple) duty. Navigating the various features of the players means pressing a variety of buttons combinations. Some practice — and even reference to the manual — is required, at least initially.

The buttons are also quite small, so beware if you have large fingers. The single jack on each player also has multiple uses: earphones, USB, and line-in cable (FM-6603 only). Each player is powered by a single AAA battery (run-time depends on the quality of battery used).

No PC? No problem

Two of the players reviewed — the Beatsounds EVR-500, Joybee 150, and Foxda FM-6603 — come with line-in cables for recording from non-PC sources, like portable CD or tape players. The resulting recording, though, is one large file rather than individual files for each song, this complicates navigation and means no display of song titles — kind of a throwback to the fast forward and rewind method of navigation in the good ol' days of audio cassettes. However, it's a nice alternative if connecting your MP3 player to a PC is not an option.

By Megan Johnston



Foxda FM-6602

Travel-friendly speakers

Good news from Harman Multimedia (www.harmanmultimedia.com) for those who like to share their music. The company has unveiled the JBL On Tour portable audio system, which it describes as being slightly larger than a eyeglasses case. The diminutive setup houses a stereo pair of Odyssey transducers and features six watts of total power. It runs on four AAA batteries, which Harman Multimedia says provides 24 hours of operation, but that would depend on battery quality. Though it's white and chrome design make it a natural match for Apple's iPod, the JBL On Tour can be used with any digital music player, as well as portable CD and DVD players, and laptop or desktop computers. The JBL On Tour will be available online (www.jbl.com) in early August for about \$130*.

* Converted from US dollars.

Back to School Specials

Price Only Effective Between Aug 05 - 11 '04 (Check our website for updated prices)
ALL LIST PRICES ARE ALREADY CASH DISCOUNTED, ANY OTHER FORM OF PAYMENT WILL BE AT REG. PRICE

SORELL SF-1100
Mp3 Player 128M

- 3D Sound
- FM Tuner
- FM Music Encoding
- Voice Recorder
- USB Connect



\$131

Canon i860

4800x1200 dpi
23ppm blk
16ppm clr
USB IEEE1284
Win/MAC



\$178

MSI

MSI 915P
Supports Intel P4
LGA 775 (Socket T)
Pentium 4 3XX, 5XX
Processor or higher
Supports Intel
Hyper-Threading



\$185

Value Barebone Series

-Blastar U8668D VIA P4M533
-Kingston 256MB DDR 266MHz
-1.44MB Mitsumi Floppy
-40GB 7200rpm Hard Drive
-On-Board S3 Pro/Savage video
-On-Board Audio, 10/100 Lan
-LG 52x32x52 IDE CD-RW
-6 USB2.0 Ports
-350W ATX Slim Tower



(Monitor, KB & Mouse Sold Separate)
(Picture not exactly as shown)

Celeron 2.4 GHz 2.8 GHz P4-2.8B GHz

\$389 \$419 \$529

SONATA

Piano Black
Quiet Super
Mini Tower
380Watt
USB Ports
ATX12V SPS
9 Drive Bays



\$140

PLEXTOR

PX-T12A
12x DVD +/- RW
Internal IDE (ATAPI)
DVD=R/RW
CD-R/RW



\$211

D-Link

Cable/DSL Router
Built in 4-port Switch
Integrated Firewall
and Parental
Control



\$40

Silver Platinum Series

-MSI 865PE NEO2-LS MB
-Kingston 256x2 Dual 400DDR
-1.44MB Mitsumi Floppy
-80GB 7200rpm SATA HD
-Radeon 9550 256M DDR TV out DVI
-On-Board Audio & Lan
-17" LG T710BH 1280_24 Monitor
-Black/Silver 400W ATX Mid Tower Case
-LG 4082B 8xDVD +/-RW & Ram Drive
-Multimedia Internet USB KB
-Microsoft Optical USB Mouse
-MST-Z100 2.1 Speakers & Subwoofer
Free Microsoft Works 7.0 & 25pcs 4xDVD-R Spindle



(Picture not exactly as shown)

P4 2.8E Ghz P4 3.0E Ghz

\$1159 \$1219

ASUS

P5GD1 LGA775 P4 MB

Intel 915P chipset
PCI Express Architecture
AI NOS™ AI NET2
Dual-Channel DDR400
High Definition Audio
Serial ATA & IDE RAID



\$207

ENERMAX

EG301P-VE 300W

Low noise & Ultra Cool
recommended by AMD
System Cooling Guidelines
Cable tube tie design
FM Function
Thermal controlled
Support Intel P4 and AMD XP & K8 CPU



\$48

ENERMAX

EG375P-VE 370W

Independent 12V rails supply
to MB/CPU and drives
Support Intel P4 and Athlon
64 platforms, S-ATA connectors
Manual and automatic fan
speed control, Dual Fan
Reliability: OC1, IVR, OVR, OLR,
TR, UTR, and ICP circuits
Silence, RPM signal of 8cm
exhaust fan is provided



\$79

Mini Value Series

-Blastar 200S nForce2 1GP+MCP (AMD)
or MSI Intel65G FSB800MHz (Intel)
-Kingston 256MB DDR 333MHz
-1.44MB Mitsumi Floppy
-40GB 7200rpm HD
-LG 52X CD-Rom
-On-Board Video, Audio & Lan
-On-Board USB2.0, IEEE1394



Intel Celeron 2.4Ghz

\$549
\$609

AMD XP2000+

SAMSUNG

SynMaster
191N Silver
1280x1024
.294mm
700:1
25ms



\$700

SAMSUNG

SynMaster
710N LCD
17" LCD
0.264mm
1280 x 1024
600:1 12ms



\$560

SAMSUNG

SynMaster
170N LCD
17" Viewable
1280 x 1024
.264mm
450:1



\$510

SMC

EZ-Stream Universal
Wireless Multimedia
Receiver

802.11 Wireless Standards
enjoy your MP3 music, pictures
video stored on your computer,
and play your favourite internet
radio stations - all from the comfort
of your living room



\$250

ATI

RADEON

X800 Pro
256MB DDR
AGP 8x



\$638

LEXMARK

Z605 INKJET

4800 dpi
14ppm



\$44

Value Barebone Series

-Blastar M7VIG PRO D VIA KM266
-Kingston 256MB DDR 266MHz
-1.44MB Mitsumi Floppy
-40GB 7200rpm Hard Drive
-On-Board S3 Pro/Savage video
-On-Board Audio, 10/100 Lan
-LG 52x32x52 IDE CD-RW
-6 USB2.0 Ports
-350W ATX Slim Tower



(Monitor, KB & Mouse Sold Separate)
(Picture not exactly as shown)

Athlon XP 2000+ XP 2200+ XP 2400+

\$369 \$379 \$389

BIOSTAR

6 Channel Audio
USB2.0
Dual Channel RAM
SATA
S/PDIF

Support Intel P4 and Celeron
533FSB SIS651+692 Chipset

200S \$230



MSI

RX-600 PCI Express

By ATI Radeon
128MB DDR
DVI/TV OUT



\$275

CELESTICA

RADEON X800 Pro

256MB DDR
8X AGP
DVI



\$610

Black Diamond Series

-Blastar M7NCD nForce2 400+
-Kingston 256MB DDR 333MHz
-1.44MB Mitsumi Floppy
-80GB 7200rpm ATA Hard Drive
-Radeon 9200SE 128MB DDR
-On-Board 6-channel Audio
-On-Board 10/100 Lan
-Earthquake SP-2502 2.1 Spks
-LG 8525B 52X32X52 CD-RW
-300W ATX Black Mid Tower Case
-17" LG T710BH 1280_24 Flat Monitor
-Black internet PS/2 KB, Wheel Mouse



(Picture not exactly as shown)

Free Microsoft WORKS 7.0 & Spindle of 50pcs CDR

Athlon XP 2000+ XP 2600+ XP 3200+

\$709 \$749 \$889

Clearance Items Refurbish

Photo Printer 630PL

-16.77M true colors
-Dye Diffusion
-Thermal Transfer
-Magic Coating
-Technology
-Borderless Photo
Outputs (New)



\$160

Photo Printer 630PS

-16.77M true colors
-Dye Diffusion
-Thermal Transfer
-Color TFT screen on
the handheld controller
(New)



\$200

COMPAQ

DeskPro EN

SFF or Mini Tower
P3-733
128M
10G HD
CDR
30 Days Warranty



\$220

Some products not exactly as illustrated & While Quantities Last - We reserve the right to limit quantities - Logic Computer House disclaims any proprietary interest in trademarks or trade name except it's own
Price and availability Are subject to change without notice All items are already cash discounted, Any other form of payment will be at Regular Price. 15% re-stocking charge. All sales are final.

**** July Summer Store Hours: ****
Mon-Fri. 10:00a.m - 9:00p.m.
Sat. 10:00a.m - 6:00p.m.
Sun. Noon - 5:00p.m.

Gov'T & Corporate
PO's Accepted
Resellers are Welcome

WAREHOUSE OUTLET
7310 Woodbine Avenue
(Woodbine & Denison)
TEL: (905) 415-0909
FAX: (905) 415-0911



MISSISSAUGA OUTLET
1590 Dundas St. E.
(Dixie & Dundas)
TEL: (905) 276-9995
FAX: (905) 276-5108



Getting your wireless crossed

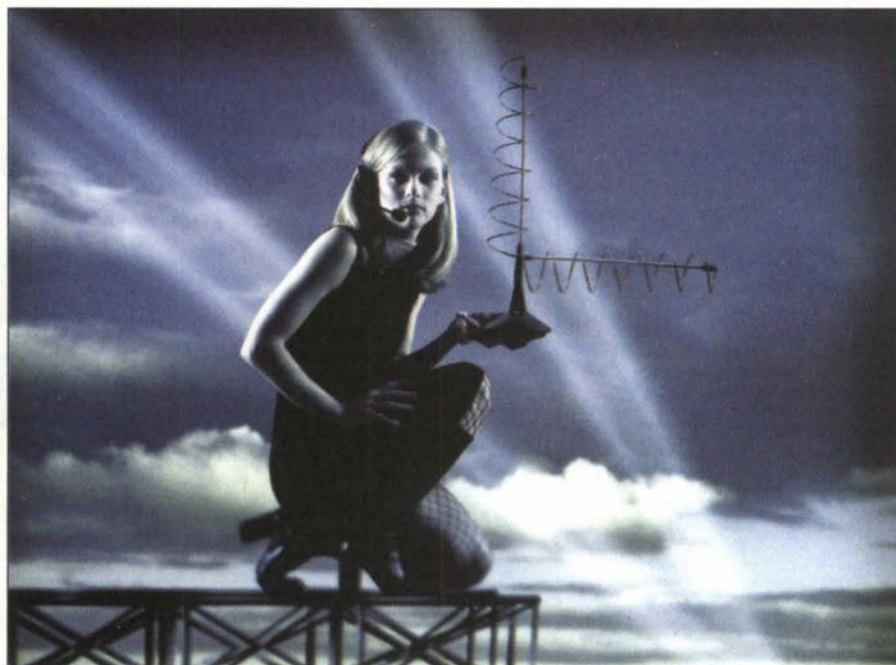
There you are sitting in the kitchen, working away on your wireless laptop, perhaps doing what every hip, tech-savvy parent does these days — reading up on nanotechnology on the Web. Then your offspring comes home from school. Child number one goes to the fridge, grabs a frozen burrito,

and tosses it in the microwave. Child number two decides to call a friend on the family cordless phone.

There goes your radio spectrum. Chances are the swirl of electronic activity will play havoc with your wireless Internet connection. Cordless phones and microwaves do to the radio spectrum what loud children do to your concentration. They are disruptive. Radio frequency (RF) interference is the bane of the technology lover's existence and it's going to get worse as wireless technologies further permeate the home.

"Oh yeah, we think the home is already crowded especially in the 2.4 GHz space," said Mike Dodge, vice-president of marketing for Xensys, a home automation company. "You've got Wi-Fi and cordless phones and microwaves and even wireless games and toys. Interference is getting to be a problem." Wireless devices push energy into the ether as radio waves and these signals travel through a public segment of the radio spectrum. Home wireless gadgets use one of three public parts of the radio spectrum: 900 MHz, 2.4 GHz, and 5 GHz.

Most popular is the 2.4 GHz band — "band" because it's not just one stop on the radio



新資訊
BHEC
Telecom Services Co.

NEW DIGITAL GENERATION

Wholesale Mobile Phones. Dealers Welcome!

www.simprobc.com

Nokia			Motorola		Panasonic		Philips		GEO	NEC
7610	6230	5140	V501	E398	V220	X300	855	GC688	N830	
Sharp			SonyEricsson		Samsung		Siemens		Innostream	
GX-32	P900	K700i	D410	P730	M65	SL65	Inno 55	VPC-C1	Optio S4i	
Sony			Canon		Nikon	Casio	KonicaMinolta		Panasonic	
DSC-T1	DSC-T11	DSC-F88	IXY 500	IXY L	Coolpix 5200	QV-R51	DiMAGE XG	AV-50	DMC-LC70	
Toronto Area			Vancouver Area							
Pacific Mall			Richmond	Richmond	Burnaby	Burnaby	Burnaby		Downtown	
4300 Steeles Ave. E. Unit#E75 (905) 470-7125			Empire Center 1455-4540 No. 3 Rd. (604) 276-9088	Aberdeen Centre 2280-4151 Hazelbridge Way (604) 276-8669	Crystal Mall 1212-4500 Kingsway (604) 436-9003	Metrotown Center E28-4700 Kingsway (604) 779-8233			Robson Public Market 108-1610 Robson St. (604) 696-6883	

40020524



TOMKEN TECHNOLOGIES CORP.

Unit#7-10, 991 Matheson Blvd. East Mississauga ON L4W 2V3

Tel: (905)625-9889 Fax: (905)629-1415 Toll Free: 1-866-625-9889

http://www.tomkencomputers.com tsmt@tomkencomputers.com



ICUTE 0301SL-BB
Side Window w/ Side Fan
Case light included
2 Front case fan w/ light
P4 300W P/Supply
I-stand not included



ICUTE 195SL
Side Window w/ Side Fan
Front USB / Flash
Front Big Fan
P4 300W P/Supply
I-stand not included



ICUTE CASE
Side Window w/ Fan
w/ Side Light Fan
Front Big Fan w/ light
P4 300W P/Supply
I-stand not included



I-CUTE B6KLW
Front Temp Monitor
Front Blue LED
2 x USB 2.0
Side Window w/ Side Fan
P4 300W P/Supply

I-CUTE CASES



ENERMAX

CS-900 USB2.0/1394 CS-125 USB2.0 / Slim CS-317 USB2.0 / Window

300W / 350W / 450W / 460W

S'F'C'A' whisper
ATX 12V VER. 1.2

- Smart, Silent, & Sleeping Mode Supported
- 2 Thermal Control Fans
- One Adjustable Fan (Manual Control Outside)



GATEWAY KEYBOARD
Multimedia PS/2

TOMKEN POWER SUPPLY

Model: EG-500

P4 500W P/Supply

!! VERY HOT PRICES !!



HOT SPECIAL

BUY 10 CASES* GET ONE

52X CD-ROM FREE

* SELETED CASES

++ Limited Quantity Offer Only. While Stock Available ++

HOT SPECIAL



A6SWBK2
P4 500W
Side Window



A2XPW
P4 420W
Side Window



A1A
P4 420W
USB/1394IEEE

Antec



SX 600-II
FR/USB
1394IEEE



X-Infinity
Front Temp Monitor
Side Window & Fan



998K
P4350W
S/FAN



2C28SB
Front USB
W/Side Fan



B1K
P4 350W
USB2.0



7650 T4
P4 350W
Handle Case

USB STORAGE MEDIA



SanDisk Cruzer 128M
SanDisk Cruzer 256M
SanDisk Cruzer 512M

Lexar JumpDrive 128M
Lexar JumpDrive 256M
Lexar JumpDrive 512M

CPU/MEMORY



Pentium / Celeron
AMD Athlon / AMD Duron

POWERED BY
DDR
MEMORY
DDRram 266 / 333 / 400
SDRam PC-100 / 133
EDO/SO-DIMMram
Infineon / Hynix
Kingston / Samsung

CONTROLLER

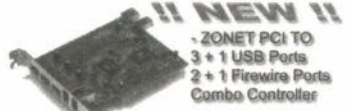


- PCI To USB2.0 Port Card
- PCI To Firewire 1394 Port Card
- PCI To Serial
- PCI to ISA Card
- PCMCIA Card to USB 2.0 Card Bus
- PCMCIA Card to IEEE 1394 Card Bus

IDE DEVICES



ATA 100 / ATA 133 / SATA HD



WIRELESS NETWORKING

5/8/16/24 Ports 10/100 Switch
4/8 Ports Router
Wireless-B/G 4 Ports Router
Wireless PCI/PCIMCIA -B/G Adapter
Network Card / Modem
USB2.0 4 Port Hub

GIGALAN (10/100/1000) Router
NEW ~ 5/8-Ports GIGALAN Router
NEW ~ GIGALAN PCI ADAPTER

CD/DVD DUPLICATOR



Duplicate CD up to 9 CDs at the same time
Call for Detailed
Duplicate DVD up to 9 DVDs at the same time
Call for Detailed
Blank CD
CDR 48x 50pcs
CDR 48x 100pcs
DVD-R 4x 10pcs
DVD-R 4x 25pcs
DVD+R 4x 25pcs
DVD-R 4x 50pcs
DUPLICATOR CASE UP TO 11 BAYS

SERVER CASE



MONITORS CRT/LCD



ENVISION, SAMSUNG

LG Electronics

CAMERA

UMAX ASTRA 440
UMAX ASTRA 580
UMAX ASTRA 590
UMAX ASTRA 660
Up to 6.5 M Pixels Resolution



VIDEO CARD & SOUND CARD

MSI GF FX-5200 128MB DDR TVOUT DVI
MSI GF FX-5600 256MB DDR TVOUT DVI



ATI PENDING Readeon 9200SE 128MB DDR TVOUT
ATI ALL-IN-WONDER Readeon 9600XT 128MB DDR DVI
ATI ALL-IN-WONDER Readeon 9800PRO 128MB DDR DVI
ATI ALL-IN-WONDER Readeon 9800XT 256MB DDR DVI

Variety, Best Price, TOMKEN Offers (Dealers Only)

dial, but a range of frequencies. Inside this busy wireless highway are signals traveling to and from cordless phones, Wi-Fi routers, Bluetooth devices, baby monitors, and garage door openers. Some wireless toys use the 2.4 GHz band and even your microwave blasts energy into it. That burrito, once inside a microwave, is bombarded by radio energy traveling through the 2.4 GHz part of the radio spectrum.

How does interference happen? Wireless devices typically use what's called a spread spectrum technique. Inside each wireless band is a series of sub-channels. So, if I am a Wi-Fi router, I blast a bit of data down one sub-channel, then hop to another sub-channel and blast a bit more down that one. This hopping around happens continuously. At the other end, the recipient device knows which channels data will be sent on, so it carefully listens to each one, then grabs the data as it comes through.

However, wireless gadgets tend not to be aware of each other. So there's a chance that while they are hopping around the 2.4GHz band, two or more different gadgets could send a piece of data at the same time on the same sub-channel. That ruins it for everyone, because the data doesn't get through to its intended recipient. It becomes scrambled.

If you're on a 2.4 GHz cordless phone and a microwave is turned on, this interference sounds like static on the line. If you're using Wi-Fi to connect to the Internet and someone is talking on that cordless phone, your connection could be disrupted and the data may not get through.

Some devices are chronic wireless bullies, hopping around a wireless band completely oblivious to the presence of other wireless users. Bluetooth is notorious for this. It hops around the 2.4 GHz spectrum at 1,600 hops per second.

While this interference is intermittent in a home with only a few wireless devices, it's going to get worse as wireless technologies move beyond the enthusiast stage and become so commonplace that every home has a dozen or more wireless gadgets. In apartments, or homes built closely

together, you can suffer even more RF pollution because your neighbours' devices add to the interference.

So what to do? Well it's not all hopeless. For starters, spread your gadgets across the three public wireless bands.

Remember the days when your cordless phone worked in the 900 MHz range? That was the spectrum that the first generation of cordless phones used. When you buy a cordless phone, check which wireless band it works on. A lot of models still work on 900 MHz. Alternatively, some of the newer cordless phones work in the 5.8 GHz band instead. That part of the radio spectrum is relatively quiet. Vendors that make phones that work on either 900 MHz or 5.8 GHz include Panasonic, Uniden, Vtech, and GE.

So you could buy wireless speakers that work in the 900 MHz range, a Wi-Fi router that works in the 2.4 GHz range, and a cordless phone that works at 5.8 GHz. This wireless segregation will guarantee crisp, clear airwaves.

Of course it's not entirely practical as you probably have several gadgets in each band. Your 2.4 GHz band is also probably already quite busy because your microwave is there and manufacturers have been quick to make lots of devices for this band in recent years.

If you're having particular trouble with your Wi-Fi router, consider upgrading to a router that uses the 5 GHz range. Wi-Fi comes in three technology flavours. The original, 802.11b, works in the 2.4 GHz range; as does its faster brother is 802.11g. However, there are Wi-Fi routers that can also use 802.11a, which moves data through the 5 GHz radio spectrum. So, if you want to get your Wi-Fi out of the noisy 2.4 GHz, consider buying an 802.11a-compatible router. Unfortunately, you'll have to upgrade the Wi-Fi card in your computer to one that works at 5 GHz. And one word of caution: Wi-Fi devices typically have a potential range of 90 m (300 ft.) with a useful range of 45 m (150

TEL:(905)480-9397
Open 7 days a week !!!
 Mon-Fri 10:00am-7:00pm
 Sat-Sun 11:00am-5:00pm

Net Computer 24/7 Update Price!
 More Promotion
Check www.netcompus.com
 All systems now with **2 years**
 Labor & 1 year parts Warranty!

Sign up! For Free!
 7,100 Woodbine, Unit 110
 Woodbine
 Steels
 Victoria Park

Best Value	Super Value	DreamValue	Impossible to beat our price!		
ASUS CERTIFIED \$358 Intel Celeron 2.4G Asus P4VP-MX with Max 6 USB 2.0 ports Support 256M DDR 2700 RAM VIA ProSavage8 Video O.B 80G HDD 7200rpm 2M cache LG 16XDVD-ROM 6 Channel Audio O.B Sony 1.44 Floppy Drive 10/100M LAN card O.B ATX 350W/2USB-Front Intelnet K.B/Mouse/Speaker Free \$10 SMS gift card	ASUS CERTIFIED \$578 AMD Xp2600+ Barton Asus A7V8X-X Nvidia 512M DDR 2700 RAM ATI 9200se 128M/Tv-out 120G HDD 7200rpm 2M cache 16XDVD+52x32x52CDRW 6-Channel Audio O.B Sony 1.44 Floppy Drive 10/100M LAN card O.B ATX 350W/2USB-Front Intelnet K.B/Mouse/Speaker Free \$20 SMS gift card	ASUS CERTIFIED \$898 Intel Pentium4 3.0G 1MB Asus P4P800S 800fsb Intel 848 Dual Channel 512M DDR400 160G 8M 7200rpm HDD 256M GeforceFX AGP8X Nvidia LG 8X DVD-RW Burner 1200W 4.1 Subwoofer 6-Channel Audio&10/100MLAN O.B Sony 1.44 Floppy Drive ATX 350W/2USB-Front Intelnet K.B/Mouse/Speaker Free \$50 SMS gift card	CD / Media Value CD-R 50ip 48x DVD-R 50ip 4x 13/19 Samsung/LG 16x DVD-Rom 29/30 16xDVD+52x32x52RW Combo 53 Aopen/LG 52x32x52 Burner 32/33 LG 4082 8X DVD+/-RW Video Card Value Radeon 9200se 128M/Tv-out Geforce FX-5600 256M 8X AGP MotherBoard Value Asus P4VP-MX Audio/Video/Lan Asus P4S8X-X AGP8X&SIS648n Asus P4V8X-X SATA&Radi 8X	Hard Drive Value 40G/80G/120G 2M IBM 160G 8M 7200rpm special 120G/160G/200G SATA 119/132/169 SMS7004 4-port router(\$15 off) D-link604P 4-port router Motorola 56k V92 Voice/F Modem 12 Speaker System 256M DDR333 Pc2700 1200W Luxor 4.1 Subwoofer Decolor Optical Mouse/PS2 Wireless K.B & Wireless Mouse	Monitor Value Samsung 750S/753DF 17inch 127/149 Benq G755 Flat 17inch Special 139 Philips17inch LCD 4years Warranty 488 Printer&Scanner Lexmark Z35LE color 39 Lexmark X75 All-In-O 87 Memory Value 256M DDR400 Pc3200 49 512M DDR266 Pc2100 87 ALL PRICE ARE ALREADY 4% CASE DISCOUNTED. PRICE ARE SUBJECT TO CHANGED WITHOUT NOTICE.

3P Computer Since 1994
 Web: www.3pcom.com,
 759 Queen St. E. Toronto, Mon - Sat.: 10am - 7pm
 Tel: (416)461-7101, Fax: (416)461-7214, Email: sales@3pcom.com

D.P. QUEEN ST. E. 3P

Hot Deals for used Laptops: P2 400 \$349 P3 450 \$429 P3 750 \$649.00 and more...Call us to get a good deal now!!

All prices are 4% cash discounted. Price subject to change without notice.

AMD XP 2000+ AMD Athlon XP2000+ CPU ECS K7S5A Pro Main Board 256MB 333Mhz DDR RAM TNT2 16MB VideoCard Integrated Sound/LAN 30GB 7200rpm Hard Drive HP 40x10x16 CD-RW Mid Tower ATX 350W case PS/2 K.B. / Wheel Mouse Speakers Only \$368!	AMD XP 2500+ AMD Athlon XP 2500+ CPU ASUS A7V8X-MX Main Board 256MB 333Mhz DDR RAM 64MB Integrated Video Sound/LAN10/100 30GB 7200rpm Hard Drive LG 52X32X52 CDRW Mid Tower ATX 350W case PS/2 K.B./ Optical Mouse Speakers with Subwoofer Only \$428!	Intel Cel 2.4Ghz Intel Celeron 2.4Ghz CPU ECS P4VMM2 Main Board 256MB 333Mhz DDR RAM 64MB Integrated Video Sound/LAN10/100 30GB 7200rpm Hard Drive HP 40x10x16 CD-RW Mid Tower ATX 350W Case PS/2 K.B./ Wheel Mouse Speakers Only \$368!	Intel P4 2.8GHz Intel P4 2.8Ghz CPU ASUS P4S533 Main Board 256MB 333Mhz DDR RAM 64MB Integrated Video Sound/LAN10/100 30GB 7200rpm Hard Drive LG 52X32X52 CDRW Mid Tower ATX 350W Case PS/2 K.B./ Optical Mouse Speakers with Subwoofer Only \$528!	Intel P4 2.8G 800hz Intel P4 2.8G 800Mhz CPU ASUS P4S800 Main Board 256MB 400Mhz DDR RAM ATI Radeon 9200SE 128MB V.C Integrated Sound/Lan10/100 80GB 7200rpm Hard Drive LG 52X CDRW DVD COMBO Mid Tower ATX 350W Case HP Keyboard/Optical Mouse Speakers with Subwoofer Only \$698!
--	---	---	--	--

Pathway stops more than 100,000 viruses and two million spam messages from reaching its customers each month!



Every month thousands of Canadian Internet users fall victim to viruses and are inundated with spam. Pathway clients, however, enjoy the safety, reliability and exceptional service provided by the only ISO 9001 2000 certified ISP in Canada. Call today to enroll for the Pathway experience – which even other ISPs talk about enviously!

FOR YOUR HOME

DIAL-UP INTERNET SERVICES

Plan	Free hours per month	Free Web Space	Free Mailboxes	Monthly Fee	Annual Fee
PLAN 1	50	2 MB	1	\$ 9.95	\$ 99.00
PLAN 1F (Family)	100	5 MB	2	\$14.95	\$149.00
PLAN 2 (Family)	150	7 MB	3	\$19.95	\$199.00
PLAN 3	Unlimited!	9 MB	4	\$25.95	\$279.00
PLAN 3F (Family)	350	12 MB	5	\$25.95	\$279.00

One time installation fee of \$30

FastPath **ULTRA HIGH SPEED** Internet access for your home.

Up to 3.0 Mb with e-mail virus protection, spam control, firewall and much more - all for only **\$34.95** per month!

Sign up between August 1st and August 31st and take advantage of Pathway's Summer Promotion

SAVE \$64 on the set-up fee on our FastPath™ High Speed Service
 \$15 on the set-up fee on any Annual Dial-up Internet Access plans

FOR YOUR BUSINESS

WEB & EMAIL HOSTING

	Web Space	Email Addresses	Monthly Fee
Web 1	40 MB	10	\$19.95
Web 2	100 MB	20	\$29.95
Web 3	200 MB	40	\$59.95

One time installation fee of \$35

Broadband Internet Access

from 3.0 Mb to 12.0 Mb

T1 Dedicated Access

Server Co-Location

Special Offer on 128K Dedicated ISDN: \$199/mo.

Call us today for more information!



Serving Toronto since
1995

Corporate Resellers Welcome
 Please call ext. 2888 for information

416 214-6363

www.pathcom.com

105 Commerce Valley Dr W, Suite 500, Markham, ON, L3T 7W3 info@pathcom.com

ft.), but that range is halved when they're in 802.11a mode. The biggest culprit for radio interference is a microwave oven. Test this by turning on the microwave then try to make a call with your 2.4 GHz cordless phone standing near it. The phone's earpiece will make a nasty crackling noise. There are a couple of ways to reduce this problem. First, microwaves tend to emit more disruptive energy out of the back of the oven than the front, which is shielded. Try to position it with its back to an external wall or solid object and definitely pointing away from any antennas you may have on your wireless devices. For example, don't put your cordless phone base station and Wi-Fi router next to each other. Locate them in different rooms, if possible, and preferably on a different floor if that's an option.

Location, location, location

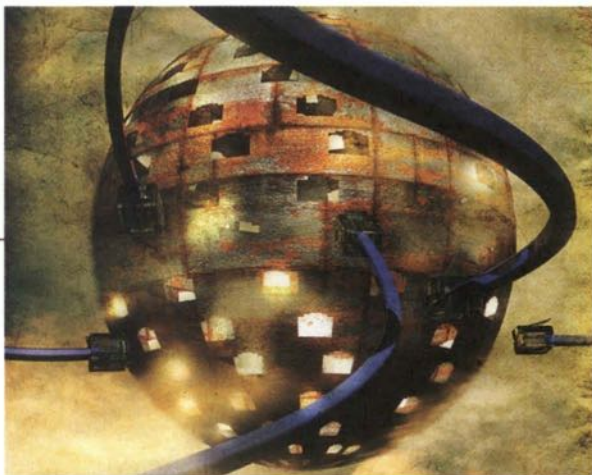
Location of your wireless devices is all important. Place mission critical wireless devices like Wi-Fi routers in the middle of your home. Avoid boxing in any wireless device with large pieces of furniture or keeping it in a closet. Also move it away from the wall — a minimum of 15 cm [6 in.] ideally. Make sure the device's antenna is adjusted upright and not in contact with anything. Consider replacing the antenna. SMC makes a high-gain antenna that improves the range on Wi-Fi routers. "Higher gain antennas can be made to help in certain circumstances," explained Kris Kelkar, senior vice-president of wireless devices at antenna technology company California Amplifier. Kelkar's company is developing what it calls smart antennas. These process and filter signals to discard interference and boost Wi-Fi range by two to three times. The \$685* to \$1,370* antennas will be available to businesses mid-year and he believes the technology will eventually make its way down to consumers within 18 months.

Wireless alternatives

If your home is large, boost your Wi-Fi range by buying a HomePlug powerline adapter. This plugs into a Wi-Fi router and pushes the network signal through home electrical wiring. HomePlug Wi-Fi adapters can be plugged into any power socket to push a strong signal back into the air in any room in the house. Powerline adapters are made by Siemens, D-Link, Netgear, Belkin, and other network gear companies. Ultimately, wireless interference can be solved or at least minimized with basic common sense and a little planning. And heck, you can always bypass the microwave and heat your burritos in the oven.

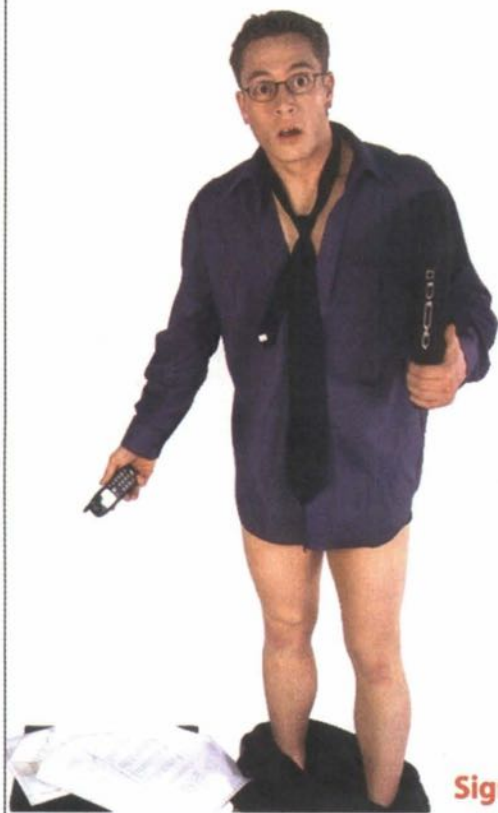
By Andy Walker

*Prices converted from US\$500 and US\$1,000, respectively.



<h1>GO GO COMPUTER</h1>		GoGo Woodbine 14th Ave.	7800 Woodbine Ave, Unit 118 N/West corner of 14th & Woodbine Markham Tel: (905) 477-0900 WWW.GOGOCOMPUTERS.COM Prices are 4% cash discounted & subjected to change without notice 1Yr parts & 5 Yrs labor warranty	Mon-Fri: 10am-7pm Sat-Sun: 11am-5pm
\$ 329 AMD XP 2200+ ASRock K7S41GX 256MB PC2700 333 DDR R 64M VIDEO (SHARED) 40GB 7200RPM HDD 52X CD-ROM 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK XP2400/2500: \$339/ \$349 XP2600/2800: \$365/ \$409	\$ 399 AMD XP 2200+ ASUS A7V8X-X 256MB PC2700 333 DDR RAM RADEON 7000 64M DDR TVO 40GB 7200RPM HDD 52X32X52 CDRW 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK XP2400/2500: \$409 / \$419 XP2600/2800: \$435/ \$479	Hard Drive IDE MAXTOR W/D SATA 40GB \$65 \$87(8M) \$95 80GB \$79 \$112(8M) \$125 120GB \$125(8M) \$125(8M) \$135 160GB \$159(8M) \$159(8M) \$175 200GB \$229(8M) \$229(8M) \$239 250GB Video Card Radeon 7000 64M DDR TVO \$45 Radeon 9200SE 128M DDR TVO \$59 Radeon 9200 128M DDR VIVO \$69 Radeon 9600 256DDR TVO \$135 ATI Allinwonder 9600 128MDDR retail \$229 ATI Allinwonder 9600 128MDDR XT retail \$279 MSI GEF4000 128M DDR TVO \$65 WINFAST TV 2000 XP expert \$79 Main Board ASUS A7V8X-X/A7V600-X \$75/\$85 ASUS A7N8X-X/A7N8XE/Deluxe \$89/\$129 ASUS K8V /Deluxe E \$135/\$175 ASUS P4VP-MX \$65 ASUS P4P800S se \$95 ASUS P4P800/Deluxe E \$125/\$149 ASUS P4C800/Deluxe E \$235 CD/DVD/ Rewriters LG 16X DVDR/BLACK \$33/\$35 LG 52X32X52 CDRW/BLACK \$36/\$38 LG 8X DVD +/- RW 4082B \$87 LG 12X DVD +/- RW DL 4120 \$109 Pioneer 8X DVD +/- RW 107 \$109 Plextor 12x DVD +/- RW 712A \$209	\$ 339 INTEL Celeron 2.4G ASUS P4VP-MX 256MB DDR333 PC2700 RAM 64M VIDEO (SHARED) 40GB 7200RPM HDD 52X CD-ROM 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK P-4 2.4A 533 1MB \$409	\$ 429 INTEL P4 2.4A 533 1MB BIOSTAR P4VMA-M 256MB DDR 400 PC3200 RAM 64M VIDEO (SHARED) 40GB 7200RPM HDD 52X32X52 CDRW 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK P-4 2.8E 800 \$499
\$ 499 AMD XP 2500+ ASUS A7V8X-X 512MB DDR400 PC3200 RAM RADEON 9200 se 128M TVO 80GB 7200RPM HDD 52X32X52 CDRW 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK XP2800 \$559 XP3000 \$599	\$ 569 AMD XP 2500+ ASUS A7V600-X 512MB DDR400 PC3200 RAM RADEON 9200 se 128M TVO 80GB 7200RPM HDD LG 4082B 8X DVDRW +/- 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK XP2600/2800: \$589/ \$629 XP3000/3200: \$669/ \$719	INTEL P-4 2.8E 800 \$579 ASUS P4P800S se 256MB DDR400 PC3200 RAM RADEON 7000 64M DDR TVO 80GB 7200RPM HDD 52X32X52 CDRW 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK P-4 3.0E 800 \$639 P-4 3.2E 800 \$719	\$689 INTEL P-4 2.8E 800 ASUS P4P800S se 512MB DDR400 PC3200 RAM RADEON 9200 se 128M TVO 80GB 7200RPM HDD LG 4082B 8X DVDRW +/- 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK P-4 3.0E 800 \$749 P-4 3.2E 800 \$829	
\$ 679 AMD XP 2500+ ASUS A7N8X E Deluxe 512MB DDR400 PC3200 RAM MSI GEF4000 128M DDR TVO 160GB 7200RPM HDD 8M LG 4120B 12X DVDRW +/- DL 1.44 Floppy Drive Sound & 10/100 Lan onboard front USB CASE/ KB/Mouse/SPK XP2600/2800: \$699 / \$739 XP3000/3200: \$779/ \$829	\$ 939 AMD Athlon 64 3000+ ASUS K8V 512 DDR 400 PC 3200 RADEON 9600 256M TVO 120GB SATA HDD ATA 150 LG 4120B 12X DVDRW +/- DL 1.44 Floppy Driver Sound & Gigabit Lan onboard front USB CASE/ KB/Mouse/SPK AMD Athlon 64 3200+ \$1019	Special Cordless Optical MS Rechargeable \$25 Microsoft Optical Cordless KB+MS \$65 USB 2.0 Enclosure 3.5/5.25 \$38 USB 2.0 Enclosure 3.5 Enermax \$45 USB Memory 128M/256M Enermax \$33/\$55 Thermaltake 420w PS \$55 ROUTER 4 PORTS INEXQ Wireless \$55 Wireless 11M PCI CARD \$28 Logitech Z540 5.1 Speaker \$69 MON 17" MAG 7772 CRT \$127 MON 19" SAMSUNG 955DF Flat CRT \$238 LCD BENQ 15" FP567 \$379 LCD Chameleon 17" Silver \$459 LCD BENQ 17" 7315 \$475	\$ 799 INTEL P-4 2.8E 800 ASUS P4P800 se 512MB DDR400 PC3200 RAM MSI GEF4000 128M DDR TVO 160GB 7200RPM HDD 8M LG 4120B 12X DVDRW +/- DL 1.44 Floppy Drive Sound & Gigabit Lan onboard front USB CASE/ KB/Mouse/SPK P-4 3.0E 800 \$859 P-4 3.2E 800 \$939	\$889 INTEL P-4 2.8E 800 ASUS P4P800 E-DX 512MB DDR400 PC3200 RAM RADEON 9600 256M DDR 8X 120GB SATA HDD ATA150 LG 4120B 12X DVDRW +/- DL 1.44 Floppy Drive Sound & Gigabit Lan onboard front USB CASE/ KB/Mouse/SPK P-4 3.0E 800 \$949 P-4 3.2E 800 \$1029

\$3-for-All Summer Bonus. Extra 20 MB Storage + Webstats or FrontPage Extension.



Take 1/2 off on domain names.*

Exclusively @ www.ehosting.ca

Signup Now & Get 50% off on Domain Names + 2X Mail Storage.

e ehosting.ca Hosting Packages

\$5⁹⁵
/month

Storage Giveaway!

- ✓ 100 MB storage
- ✓ 25 email accounts
- ✓ Scripting Supported

+ 50% off on domain names*
+ free \$24 shopping cart**
+ free 2X mail storage*
(a total of \$52 value)

\$3²⁵
/month

Lighter Choice.

- ✓ 20 MB storage
- ✓ 10 email accounts
- ✓ FrontPage Extension

+ free long distance mins*
+ free 2X mail storage*
(a \$10 value)

Save 1/2 Price on Domain Names



The Fastest Way to Build a Website!
Now with Image Rotation + 75 Professional Themes!

Site2Go Features

- ✓ Professionally Designed Themes
- ✓ User-friendly Interface
- ✓ WYSIWYG Text Editor
- ✓ Automatic Image Resizing

\$4⁹⁵
/month

SmartLemon Plan

- ✓ 50 MB web storage
- ✓ 10 email accounts
- + free \$20 domain credit**

Why Site2Go?

- ✓ Completely Web-Based
- ✓ No Software Installations
- ✓ No Programming Required
- ✓ Update Content Anywhere in the World

\$7⁹⁵
/month

CityOrange Plan

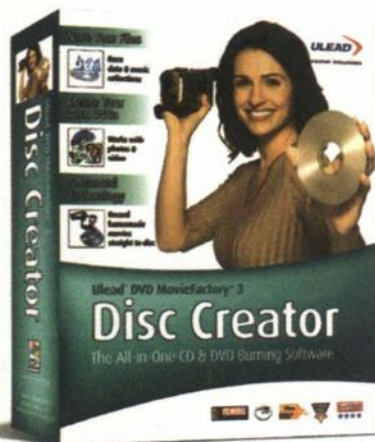
- ✓ 100 MB web storage
- ✓ 25 email accounts
- + free \$20 domain credit**

*A 12-month contract is required. Offer is only applicable to Starter & Medium Plans. **A Site2Go domain credit is a one-time non-transferable credit in rebate for Free Store2Go Shopping cart entries to a 1-month trial only & requires activation. Visit www.ehosting.ca for Download Center. & details. Items must be completed & mailed to us by Oct 4, 2004. All items and credits carry no cash value. Limited time offer. Restrictions may apply. **Effective immediately 2X email storage applies to all plans. **Not valid for Linux Dedicated & Virtual plans.

✓ Unlimited data transfer ✓ Host multiple domains in 1 account ✓ UNIX and NT platforms ✓ 24/7 tech support

Take two

Two takes on low-cost DVD authoring



When it comes to tech in the 21st century, there have been some spectacular disappointments (Hello! I'm still waiting for my personal rocket pack) but there have also been some highlights.

Take a look at DVD burning and authoring software. Just four years ago, packages under \$150 gave you limited menu-creation tools, some basic multiple-choice options, and that was about it. Zip ahead to now: I've looked at two low-cost programs (and there are more out there to choose from), and while they're still a far cry from feature-rich authoring packages, they give a fair amount of bang for your buck — with some caveats.

Skimming over the literature for CyberLink's PowerProducer 2 Gold and Ulead's DVD Disc Creator 3 MovieFactory, what really caught my eye was that both feature options for re-editing DVDs. Both support DVD-VR and DVD+VR, which allow you to add new video or edit chapters on a rewritable disc without

having to start from scratch. I like the idea, but it's a bit limiting. First and foremost is the fact that many standalone DVD players don't support either VR format, and neither do many common software DVD players; in fact, I couldn't play the VR discs I burned on anything I own, despite the fact that they are otherwise happy to play at least one rewritable format. I expect that over time the situation will change, but right now it's a problem.

That leaves another option, which is time-consuming but more reliable. Both programs naturally allow you to pull in video from a capture device or a video file, but they can also read files from an unencrypted DVD (that is, just about every non-commercial DVD). That means throwing out your old disc if it's not rewritable,

Is it compatible?

With more DVD authoring programs allowing for editable DVDs, it makes a lot of sense to start using more rewritable DVDs. But while the format wars were mostly settled on the PC front — many (if not most) new burners handle both DVD+RW and DVD-RW — things aren't so clear in the realm of home electronics. Some standalone players can handle both formats; even more can play only one of the two. If you want to find out which discs and players work together, stop over at www.dvdhelp.com and check their DVD Player Compatibility list for more information than you thought you'd ever need.

DVD Disc Creator 3 MovieFactory
www.ulead.com
 Estimated price: *\$135

www.solugate.com



- Features:
- > The Highest Video Quality
 - > Real-Time Remote Monitoring & Control via Network and Internet
 - > Flexible Recording Modes
 - > User-Definable Motion Detection
 - > User Friendly GUI
 - > Quick & Easy Access to Recorded Events
 - > Watermarking
 - > Powerful Data Back-Up System

YOUR SURVEILLANCE SOLUTIONS !!! DVR(Digital Video Recorder)

Avoid the Hassles of Low-End DVRs.

Rely on Our High Performance DVR Solutions and Enjoy the Piece of Mind Comes with Solugate.

DVR Cards



Channel	4CH	4CH	8CH	8CH	8CH	16CH	16CH	16CH	16CH
Display Frame	30FPS	120FPS	60FPS	120FPS	240FPS	120FPS	240FPS	480FPS	480FPS
Recording Frame	30FPS	120FPS	60FPS	120FPS	240FPS	120FPS	240FPS	120FPS	240FPS

DVR Systems



4CH IIO 8CH Simple 8CH IIO 16CH Simple 16CH IIO

- Automatic motion Tracking
 Pan/Tilt Control
 Sound Transfer
 Static/Dynamic IP



SmileCAM

Stand Alone DVR



4CH 120FPS 8CH 120FPS 16CH 120FPS 4CH 30FPS HDD Removable

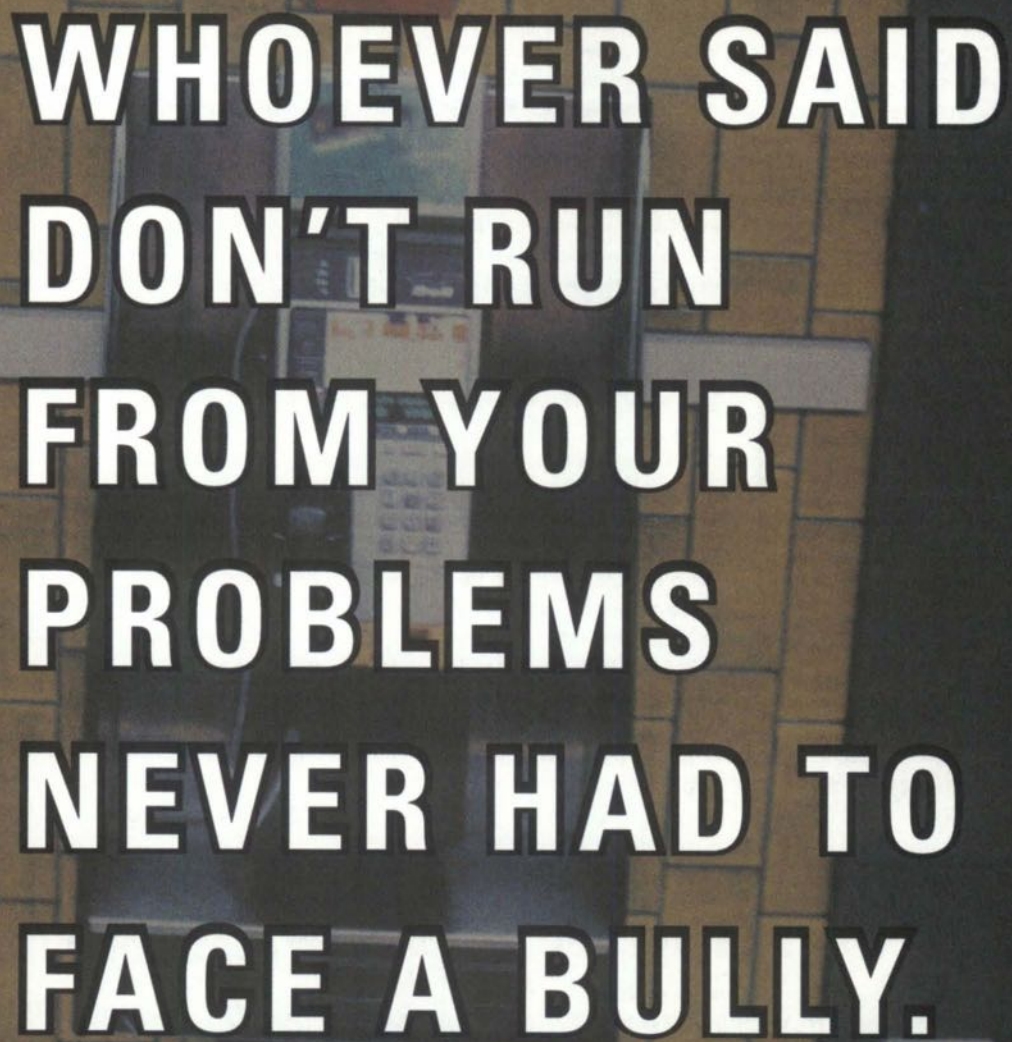
All kind Cameras



"Welcome Dealers"

Free Technical Training for Dealers.

3950 14th Ave. Suite 101, Markham, Ontario, L3R 0A9 (Warden + 14th Ave.) P (905)948-1172/9907 sales@solugate.com

A person wearing a dark hoodie is standing in a hallway. The wall behind them is made of light-colored square tiles. To the right, there is a bulletin board with various papers and a poster. The person's face is obscured by the large white text.

**WHOEVER SAID
DON'T RUN
FROM YOUR
PROBLEMS
NEVER HAD TO
FACE A BULLY.**

KIDS HELP PHONE

1 800 668 6868

www.kidshelpphone.ca

THERE'S A LOT ON THE LINE.

Take two...

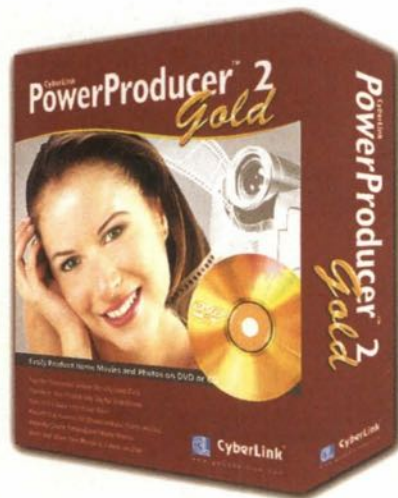
but sometimes it's worth it to edit out obnoxious glitches.

Both programs take a wizard-like approach to creating discs. They lead you step by step, starting at the point at which you decide on the type of project you intend to create (DVD, Video CD, and so on) through to the particulars of selecting and arranging video clips, creating menus, and burning the disc. I found MovieFactory's interface clear and easy to follow, but I admit that I might be biased because of its similarities to Ulead's DVD Workshop, which I use fairly often. PowerProducer's interface looks similarly clear, but it flip-flops between being generous and tightfisted when it comes to useful information. For example, when one of the menus asks what kind of disc you want to make, each option includes a button that provides a description, just in case you don't know the difference between DVD, DVD-VR, or any of the other video disc formats. There are similar information buttons sprinkled throughout the program as well, providing just enough information for beginners to make reasonably informed choices. On the other hand, when I tried to edit video on a DVD-RW disc, PowerProducer simply told me I couldn't, with no reason given. (The disc worked fine in MovieFactory.)

When it comes to the basics of capturing and editing video and then putting together a menu and burning a disc, both programs were easy to use and fairly straightforward. But they both still need some work.

For example, CyberLink made a curious decision: while PowerProducer's timecode indicator lets you know where you are in a clip, you can't go straight to a spot in the production by entering the timecode; if you wanted to go to the five-minute mark in a clip, you'd have to fiddle with the mouse. In MovieFactory, the handy measurement gauge that indicates how much space a project needs is often inaccurate. In one case, no matter how I adjusted the settings MovieFactory insisted that my footage couldn't fit on a DVD—despite the fact that all the footage came from an existing disc.

Two steps forward, one step back. While there are still bugs to work out, the bar is definitely being raised for the low end of DVD authoring.



By Emru Townsend

PowerProducer 2 Gold
www.gocyberlink.com
 Estimated price: ***\$95**

*Converted from US\$69.95 and US\$99.95, respectively.

ComputerCanada.net Inc

Website: www.computercanada.net
 825 Dension St. #10 Markham Ont
 Tel:(905) 479-3992. Fax:(905) 479-1093

1-9 DVD Duplication machine

420W Power supply 3 years warranty

CCN Security system

CCN Offers Variety, Best Price

WHOLESALE MOST COMPUTER PARTS

40016124

ARCO COMPUTERS Ltd

"We specialize in quality pre-owned computer equipment"

40 DUNDAS STREET WEST MISSISSAUGA, ON. L5B 1H4 CORNER OF DUNDAS & HWY 10

COMPAQ • DELL • IBM • TOSHIBA • SONY • HP

Laptop TOSHIBA PIII-650MHz, 128MB, 12.0GB, FDD, DVD, SND, 56K, USB, 14.1 TFT, WIN 98SE COA \$589	Desktop DELL PIII-667MMX, 128MB, 15.0 GB, FDD, CD, SND, USB, NIC, KEYBOARD & MOUSE \$179	Laptop DELL PIII-500MHz AND UP, FROM \$489 CALL US FOR DETAILS
Desktop COMPAQ PIII-733MMX, 128MB, 10.0 GB, FDD, CD, SND, USB, NIC, KB, MOUSE, WIN 98SE \$189	HOT DEAL & HOT DEAL TOWER DELL (NEW) \$659 1YR WARRANTY	TOWER HP PIII-1GHz, 256MB, 30GB, FDD, DVD, SND, USB, KB, MOUSE, WIN 98SE \$329
D-LINK ROUTER \$49 WIRELESS-G NIC \$79 WEB CAM \$25	52X CD-RW \$49.99 8X DVD-RW \$105.99 50-PACK DVD-R \$29.49	HP LaserJet 5 Printer w/New Toner \$389
New Notebooks Parts, Upgrades and Repairs Please Call Us	***HOT BUY*** MONITORS 15".....FROM \$39 17".....FROM \$45 21".....FROM \$139	

CALL 905-279-1142

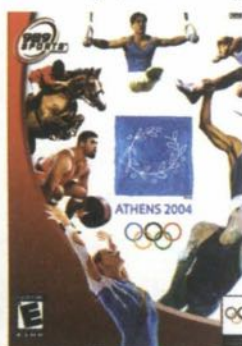
WWW.ARCOCOMPUTERS.COM

ALL PRICES ARE 3% CASH DISCOUNTED AND SUBJECT TO CHANGE WITHOUT NOTICE.

40031924

First Glance

With power outages, construction delays, and poor ticket sales, the Athens Olympic Games organizers have a few hurdles to get over



before opening day. Thanks to 989 Sports (www.998sports.com), however, you can let the games begin now—and you don't have to leave your living room. The company's latest Playstation 2 title, Athens 2004, lets you try to break Olympic and World records in 25 events in track and field, aquatics, gymnastics, shooting, archery, weightlifting, and equestrian. Players can choose from 800 athletes from 64 countries. And,



if the onscreen action inspires you to get off the couch, you can: Athens 2004 is Dance Mat-compatible. For authenticity, it also features seven of the actual sporting venues for the games. Athens 2004 has a suggested retail price of \$60, and is rated E [for everyone] by the ESRB.

Athens 2004



"Where Quality is Never Substituted"

Your One STOP Computer Shop

www.hscomputing.com

Did you know that your computer needs more maintenance than your car?

Regular use can gather:
 - Spyware - Virus - Trojans
 - Obsolete files from old programs - Cookies that may contain sensitive info.

Bring your computer in and receive 15% off our regular price for a tune up

HS Computing is not responsible for a geographical error, it reserves the right to revise any advertised prices or products.

Design By: Image Connect 416.666.7863

BACK TO SCHOOL SPECIAL

**Intel P4-2.8 GHz w/15" FLAT LCD MONITOR,
 40 GB 7200rpm HDD, 512 MB DDRAM, 16X DVD ROM,
 CORN, 1.44 FDD, AC97 Sound, ATI TV Tuner Card Card,
 10/100 NIC, Keyboard+Scroll Mouse, LIMITED TIME OFFER
 FREE UPGRADE TO 80 GIG HDD**

ONLY \$1349.00!

42-10909 Yonge St.
 Richmond Hill, ON, L4C 3E3

Tel: 905.787.9301

Fax: 905.787.9302

info@hscomputing.com

40027724

Now **2 times faster**
 and a **lower price**

\$29.95*

per month up to 3.0 Mbps
 Residential service

Max.inter.net **high speed Internet**
 service up to 3.0 Mbps

\$59.95* per month
 up to 3.0 Mbps
 Business service

www.ca.inter.net/hub

1 800-920-SURF (7873)

*Rates and promotional offer subject to change without notice. Taxes are not included.



inter.net®

40031024

The battle over next DVD format

While today's DVD players enjoy tremendous popularity – now estimated to be in more than 57 per cent of U.S. homes, Canadian data is not immediately available – the technology has its share of technical limitations as we enter the HDTV age.

Namely, today's DVD recorders – which are also growing in market share as prices continue to drop – cannot be used to record high-definition television programming because there is not enough space on the disc to do so. Nor can any of today's DVD player/recorders display movies in high-definition.

The next generation of products are only 12 to 18 months away, but not unlike the home video format wars in the '70's between betamax and VHS, a battle is brewing between two competing, incompatible formats that both offer large-capacity digital video-recording.

In one corner there's "Blu-ray," supported by an official consortium of manufacturers including Sony, Matsushita, LG, Philips, Samsung, JVC, Pioneer, Sharp, Hitachi and Thompson Multimedia. Its rival is "HD-DVD," another blue-laser solution lobbied by Toshiba and NEC, with backing by the DVD Forum (www.dvdforum.org), an international association of about 220 hardware manufacturers, software firms and other users of DVDs.

Because blue lasers have a shorter wavelength than the current red laser technology, it allows for a thinner light beam that can read and write smaller bits of information on a disc. The result is the ability to store about 10 times the amount of information compared to today's DVD-R/RW discs. This translates to about four hours of HDTV programming on the same 12-centimetre discs we're accustomed to.

Are we entering another "Betamax vs. VHS" war?

The key difference between Blu-ray and HD-DVD recorders is the former will only use a blue-laser, therefore it will not be backwards compatible with today's DVDs unless the manufacturers add a second lens. HD-DVD machines, on the other hand, have lenses that emit both red and blue rays to read current and next-generation, high-capacity discs.

There are other distinctions such as supported video codecs and exact storage capacity, plus Blu-ray discs will be housed in plastic cartridges to prevent scratches.

"But it's all about momentum – the format with the most industry consensus is going to win" says Billy Pidgeon, senior analyst with the Zelos Group (www.zelosgroup.com) market research firm. "The fact that a dozen or so manufacturers are behind Blu-ray is difficult to overcome, but consumers aren't going to want to replace their DVDs with yet another format," says Pidgeon.

He said, she said

Mark Poldervaart, managing director of Audio-Video Systems for Philips Consumer Electronics, believes Blu-ray is the future for high-definition recording.

Good As New Computers

HP P3 PACKAGE

PENTIUM 3 800MHz CPU
128 MB SDRAM
10 GB HARD DRIVE
INT NIC, SOUND, VIDEO
17" Grade "A" MONITOR
WINDOWS 98SE

\$348.00

Refurbished, 90 day warranty

DELL

P3 933
256MB,20GB
CD,NIC
KBD,MOU

\$299.00

Refurbished, 90 day warranty

DELL

P3 450
128MB,6GB,
CD,FDD,NIC
KBD,MOU

\$149.00

Refurbished, 90 day warranty

DELL

P3 866
128MB,10GB
CD,FDD,NIC
KBD,MOU

\$229.00

Refurbished, 90 day warranty

DELL

P3 500
128MB,6GB,
CD,FDD,NIC
KBD,MOU

\$159.00

Refurbished, 90 day warranty

IBM

P3 933
256MB,10GB,
CD,FDD,NIC
KBD,MOU

\$299.00

Refurbished, 90 day warranty

DELL

P3 550
128MB,6GB,
CD,FDD,NIC
KBD,MOU

\$169.00

Refurbished, 90 day warranty

Compaq

SFF P3 733
128MB,10GB
CD,FDD,NIC
KBD,MOU

\$249.00

Refurbished, 90 day warranty

Compaq

SFF P3 1.0G
128MB,20GB,
CD,FDD,NIC
KBD,MOU

\$339.00

Refurbished, 90 day warranty

DELL

P3 900
256MB, 20GB
CD,FDD,NIC
KBD, MOU

\$269.00

Refurbished, 90 day warranty

VTS

P4 2.4
256MB,40GB
CD,FDD,NIC
KBD,MOU

\$599.00

Refurbished, 90 day warranty

15" Monitors

Tier 1
Brand
Grade B

\$19.99

Refurbished, 90 day warranty

Brother

IntelliFax 1800C
Color Fax/
Copier &
Printer

\$179.00

Refurbished, 90 day warranty

17" Monitors

Tier 1
Brand
Grade A

\$89.00

Refurbished, 90 day warranty

17" DELL

P780
0.25DPI
TRINITRON
FLAT SCREEN

\$99.00

Refurbished, 90 day warranty

88 East Beaver Creek Rd.

Unit 6A, Richmond Hill, ON, L4B 4A8

Tel: 905-889-1188

HOURS:

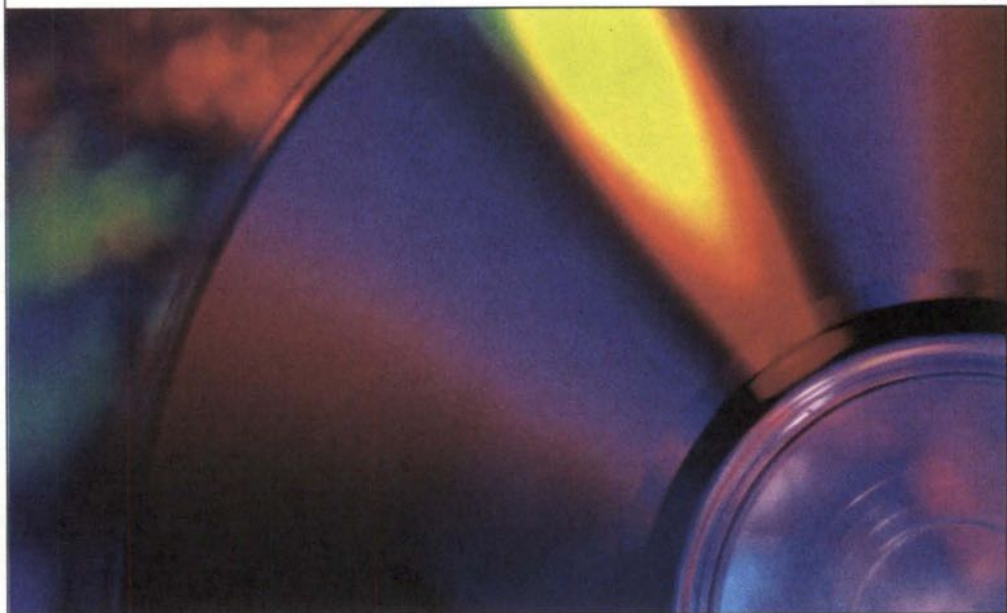
Mon - Fri 10:00am - 6:00pm

Sun & Sat CLOSED

Shop online

www.ganc.com

40018824



PREMIER COMPUTER CANADA - PCCANADA.COM

PREMIER CHOICE BRONZE

- EC5 661FX-M for Intel Socket 478 CPUs or ECS 741FX-M for AMD Socket A CPUs
- Parasitic 3.5" - 1.44MB HD Floppy Disk Drive
- 40Gb Fast ATA-100 Hard Disk Drive w/ 7200RPM
- 256Mb DDR RAM, PC2700, 184Pin RAM Memory
- Economy Mid-Tower 6 Bay ATX Case
- Cyberzone 400W Power Supply w/ Dual Fans
- 2 - USB Ports, 1 - 16550 Serial Ports, 1 PS/2 Mouse Port & 1 - Bi-Directional Parallel Port
- On-Board AGP 3D Video w/ 64Mb Buffer
- On-Board PCI Stereo Sound w/ Surround Sound
- 56k Fax/Modem w/ Voicemail Support, v.90, CNR
- On-Board 10/100 PCI Full Duplex Network Adapter
- Fifty-Two Speed (52X) Max EIDE CD-ROM Drive
- Samsung 7508 Digital 24hd SVGA Colour Monitor
- Mitsumi T04 Enhanced Soft-Touch Win 95 Keyboard
- Altec Lansing 12W Amplified Stereo Speakers
- Microsoft Compatible PS/2 Mouse w/ Mouse Pad
- MS Windows XP Home OEM w/ CD and Manual
- 5 Years Labour & 1 Year Parts Warranty

AMD Athlon XP-2000+	\$694.99 or \$253/mth
AMD Athlon XP-2400+	\$719.99 or \$261/mth
AMD Athlon XP-2500+	\$734.99 or \$271/mth
AMD Athlon XP-2600+	\$759.99 or \$281/mth
AMD Athlon XP-2800+	\$779.99 or \$288/mth
AMD Athlon XP-3000+	\$814.99 or \$301/mth
Intel Celeron 1.7GHz	\$699.99 or \$253/mth
Intel Celeron 2.0GHz	\$714.99 or \$261/mth
Intel Celeron 2.4GHz	\$724.99 or \$268/mth
Intel Celeron 2.6GHz	\$749.99 or \$271/mth
Intel Celeron 2.8GHz	\$794.99 or \$291/mth
Intel Pentium 4-2.4 @ 1Mb	\$794.99 or \$291/mth
Intel Pentium 4-2.8 @ 1Mb	\$864.99 or \$311/mth
Intel Pentium 4-3.0 @ 1Mb	\$919.99 or \$331/mth
Intel Pentium 4-3.2 @ 1Mb	\$994.99 or \$351/mth

PREMIER CHOICE SILVER

- Abit KV7 Motherboard for AMD Socket A CPUs or Abit IS7-E2 Motherboard for Intel Socket 478
- Parasitic 3.5" - 1.44MB HD Floppy Disk Drive
- 80Gb ATA-100 Hard Disk Drive w/ 7200RPM
- 512Mb DDR RAM, PC3200, 184Pin RAM Memory
- Enlight Mid-Tower Case w/ 7 Bays & 2 Front USB
- Enlight True 300W ATX Power Supply
- 2 - USB Ports, 2 - 16550 Serial Ports, 1 PS/2 Mouse Port & 1 - Bi-Directional Parallel Port
- Sapphire Radeon 9200 AGP Video (64Mb & TV-Out)
- Sony DVD/CD-RW Combo Drive (52/25/2/16)
- On-Board 6-Channel Digital Surround Sound
- Creative SBS 2.1-370 w/ 2 Speakers & Subwoofer
- Rockwell 56K Int. Voice/Fax/Modem v.90 (PCI)
- On-Board 10/100 PCI Full Duplex Network Adapter
- Samsung 793DF 17" Digital 20hd CRT Monitor, Flat
- Mitsumi T04 Enhanced Soft-Touch Win 95 Keyboard
- Logitech Optical Mouse w/ Wheel w/ Mouse Pad
- MS Windows XP Home OEM w/ CD and Manual
- 5 Years Labour & 1 Year Parts Warranty

AMD Athlon XP-2900+	\$999.99 or \$361/mth
AMD Athlon XP-2400+	\$1024.99 or \$371/mth
AMD Athlon XP-2500+	\$1039.99 or \$381/mth
AMD Athlon XP-2600+	\$1064.99 or \$391/mth
AMD Athlon XP-2800+	\$1084.99 or \$398/mth
AMD Athlon XP-3000+	\$1119.99 or \$411/mth
AMD Athlon XP-3200+	\$1174.99 or \$431/mth
Intel Celeron 2.0GHz	\$1034.99 or \$381/mth
Intel Celeron 2.4GHz	\$1044.99 or \$388/mth
Intel Celeron 2.6GHz	\$1069.99 or \$391/mth
Intel Celeron 2.8GHz	\$1114.99 or \$401/mth
Intel Pentium 4-2.4 @ 1Mb	\$1114.99 or \$401/mth
Intel Pentium 4-2.8 @ 1Mb	\$1184.99 or \$431/mth
Intel Pentium 4-3.0 @ 1Mb	\$1239.99 or \$451/mth
Intel Pentium 4-3.2 @ 1Mb	\$1314.99 or \$481/mth

PREMIER CHOICE GOLD

- Asus P4P800-SE Motherboard for Intel Socket 478 or Asus ATX8X-E Dts Motherboard for AMD Socket A
- Parasitic 3.5" - 1.44MB HD Floppy Disk Drive
- 80Gb ATA-100 Hard Disk Drive w/ 7200RPM w/ 8Mb
- 512Mb DDR RAM, PC3200, 184 Pin RAM Memory
- Chenbro Beige Mid-Tower ATX Case w/ 7 Bays
- Enlight True 300W ATX Power Supply
- 2 - USB Ports, 2 - Serial Ports, 1 PS/2 Mouse & 1 - Bi-Directional Parallel Port
- Asus v9520D GeForceFX 5200 w/ 128Mb
- Sony 82x32x10 CD-RW Drive w/ Burn Software
- Sony 16X DVD-ROM Drive w/ 40X CDROM support
- On-Board 6-Channel Digital Surround Sound
- Labtec Avaya 645 w/ 5 Speakers & Subwoofer
- On-Board 10/100 PCI Full Duplex Network Adapter
- Samsung 955DF 19" Digital 20hd CRT Monitor
- Microsoft 104 Enhanced Soft-Touch Keyboard
- Microsoft Wheel Mouse Optical Mouse w/ Pad
- MS Windows XP Home OEM w/ CD and Manual
- 5 Years Labour & 1 Year Parts Warranty

AMD Athlon XP-2500+	\$1239.99 or \$451/mth
AMD Athlon XP-2400+	\$1264.99 or \$461/mth
AMD Athlon XP-2500+	\$1279.99 or \$471/mth
AMD Athlon XP-2600+	\$1304.99 or \$471/mth
AMD Athlon XP-2800+	\$1324.99 or \$481/mth
AMD Athlon XP-3000+	\$1359.99 or \$491/mth
AMD Athlon XP-3200+	\$1414.99 or \$511/mth
Intel Celeron 2.4GHz	\$1249.99 or \$451/mth
Intel Celeron 2.6GHz	\$1274.99 or \$461/mth
Intel Celeron 2.8GHz	\$1319.99 or \$481/mth
Intel Pentium 4-2.4 @ 1Mb	\$1319.99 or \$481/mth
Intel Pentium 4-2.8 @ 1Mb	\$1389.99 or \$501/mth
Intel Pentium 4-3.0 @ 1Mb	\$1444.99 or \$521/mth
Intel Pentium 4-3.2 @ 1Mb	\$1519.99 or \$551/mth
Intel Pentium 4-3.4 @ 1Mb	\$1699.99 or \$611/mth

PREMIER CHOICE BLACK

- Asus P4C800-E/Dts Motherboard for Intel Socket 478 or Asus K8V-SE Dts Motherboard for AMD Socket 754
- Parasitic 3.5" - 1.44MB HD Floppy Disk Drive
- 120Gb SATA150 Hard Drive w/ 7200RPM w/ 8Mb
- 512Mb DDR RAM, PC3200, 184 Pin RAM Memory
- Chenbro Black Mid-Tower ATX Case w/ 7 Bays
- Enlight True 420W ATX Power Supply w/ 2 Fans
- On-Board SATA RAID Controller & Ultra/133 Support
- 2 - USB Ports and 2 - 1364 FireWire Ports
- Sapphire Radeon 9600 w/ 128Mb & DVI, TV-Out
- Sony DW-U16A Black DVD-RW Drive w/ Software
- Sony 16X DVD-ROM Drive w/ 40X CDROM
- Realtek ALC650 Audio w/ 6 Channel Support
- Logitech Z-400 w/ 5 Speakers & Subwoofer
- US Robotics 56K Internal Fax/Modem v.90
- RJ-45 Ports for High Speed Network Access
- Samsung 955DF 19" 20hd CRT Monitor
- Keytronic K7500 104 Black Soft-Touch Keyboard
- Keytronic K6000 Mouse w/ Scroll Wheel
- Wanted 120mm Beige Second Case Fan
- Arctic Silver Thermal Heat Compound
- MS Windows XP Home OEM w/ CD and Manual
- 5 Years Labour & 1 Year Parts Warranty

AMD Athlon 64 - 3000+	\$1674.99 or \$551/mth
AMD Athlon 64 - 3200+	\$1749.99 or \$581/mth
AMD Athlon 64 - 3400+	\$1944.99 or \$641/mth
Intel Celeron D 520	\$1554.99 or \$511/mth
Intel Celeron D 530	\$1589.99 or \$521/mth
Intel Celeron D 550	\$1579.99 or \$521/mth
Intel Celeron D 555	\$1619.99 or \$541/mth
Intel Pentium 4-2.4 @ 1Mb	\$1619.99 or \$541/mth
Intel Pentium 4-2.8 @ 1Mb	\$1689.99 or \$561/mth
Intel Pentium 4-3.0 @ 1Mb	\$1744.99 or \$581/mth
Intel Pentium 4-3.2 @ 1Mb	\$1819.99 or \$611/mth
Intel Pentium 4-3.4 @ 1Mb	\$1999.99 or \$661/mth

PCCANADA UPGRADE BUNDLES - Sorry, no substitutions

ASUS CELERON UPGRADE BUNDLE

Intel Retail-Boxed Celeron CPU 1.7GHz	see web
Asus P4PEZ-M Motherboard	2.0G - see web
256Mb DDR Ram, PC2700	2.4G - see web
Enlight Mid-Tower w/ Enlight 300W	2.6G - see web

ASUS ATHLON UPGRADE BUNDLE

AMD Retail-Boxed Athlon XP CPU 2500+	see web
Asus ATX8X-E Motherboard	2500+ see web
512Mb DDR Ram, PC3200	2800+ see web
Enlight Mid-Tower w/ Enlight 300W	3200+ see web

ASUS PENTIUM UPGRADE BUNDLE

Intel Retail-Boxed Pentium 4 CPU 2.4E	see web
Asus P4P800-SE Motherboard	2.8E - see web
512Mb DDR Ram, PC3200	3.0E - see web
Chenbro Mid-Tower w/ Enlight 360W	3.2E - see web

ASUS ATHLON 64 UPGRADE BUNDLE

AMD Retail-Boxed Athlon 64 CPU 3000+	see web
Asus K8V-SE Dts Motherboard	3200+ see web
1Gb DDR Ram, PC3200 (2 x 512Mb)	3400+ see web
Chenbro Mid-Tower w/ Enlight 420W	

Premier CPUs and Memory

AMD Athlon XP 2000+ @ 2800MHz	see web
AMD Athlon XP 2400+ @ 2800MHz	see web
AMD Athlon XP 2500+ @ 333MHz Barton	see web
AMD Athlon XP 2600+ @ 333MHz Barton	see web
AMD Athlon XP 2800+ @ 333MHz Barton	see web
AMD Athlon XP 3000+ @ 333MHz Barton	see web
AMD Athlon XP 3200+ @ 333MHz Barton	see web
AMD Athlon 64 3000+ (Socket 754) 512k	see web
AMD Athlon 64 3200+ (Socket 754) 512k	see web
AMD Athlon 64 3400+ (Socket 754) 512k	see web
AMD Athlon 64 3500+ (Socket 754) 512k	see web
AMD Athlon 64 3600+ (Socket 754) 512k	see web
AMD Athlon 64 3700+ (Socket 754) 512k	see web
AMD Athlon 64 3800+ (Socket 754) 512k	see web
AMD Athlon 64 3900+ (Socket 754) 512k	see web
AMD Athlon 64 4000+ (Socket 754) 512k	see web
Intel Celeron 1.7GHz @ 400MHz	see web
Intel Celeron 2.0GHz @ 400MHz	see web
Intel Celeron 2.4GHz @ 400MHz	see web
Intel Celeron 2.6GHz @ 400MHz	see web
Intel Celeron 2.8GHz @ 400MHz	see web
Intel Celeron D 520 (2.4GHz/333MHz)	see web
Intel Celeron D 530 (2.6GHz/333MHz)	see web
Intel Celeron D 550 (2.8GHz/333MHz)	see web
Intel Pentium 4-2.4GHz @ 533 FSB (13MB)	see web
Intel Pentium 4-2.8GHz @ 533 FSB (13MB)	see web
Intel Pentium 4-3.0GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-3.2GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-3.4GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-3.6GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-3.8GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-4.0GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-4.2GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-4.4GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-4.6GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-4.8GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-5.0GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-5.2GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-5.4GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-5.6GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-5.8GHz @ 800 FSB (13MB)	see web
Intel Pentium 4-6.0GHz @ 800 FSB (13MB)	see web

... We have Socket 775, 939 & PCI Express Motherboards NOW!

Visit us online at www.pccanada.com for up-to-date pricing, new products, secure ordering & fast shipping Canada wide.

Full List of Processors Online

128 MB SDRAM PC133MHz	see web
256 MB SDRAM PC133MHz	see web
512 MB SDRAM PC133MHz	see web
1 GB DDR PC2700 (333MHz)	see web
2 GB DDR PC2700 (333MHz)	see web
512 MB DDR PC3200 (400MHz)	see web
1 GB DDR PC3200 (400MHz)	see web
2 GB DDR PC3200 (400MHz)	see web

Full List of OCZ & Corsair Online

128MB Flash Memory, USB 1.1	see web
256MB Flash Memory, USB 2.0	see web
512MB Flash Memory, USB 2.0	see web

Flash and Notebook Memory Also Available Online

Sony 52X CD-ROM Drives (Single)	\$119.99
Sony 16X DVD-ROM Drives (Single/RW)	\$134.99

Full List of Drives Available Online

Sony CD-RW Drive (52X/24X) (Single/RW)	\$39.99/59.99
Sony DVD/CD-RW Combo (52X/24X/24X) (Single/RW)	\$59.99/59.99
LG GSA-4082 (8x DVD-RW) (Single/RW)	\$59.99/59.99
LG GSA-4082 (8x DVD-R) (Single/RW)	\$59.99/59.99
LG GSA-4082 (8x DVD-RW) (Single/RW)	\$59.99/59.99
NIC 2159A (Dual DVD-RW/Single/RW)	\$114.99/114.99
Power Drive/10 (8x DVD-RW/Single/RW)	\$118.99/118.99
Power Pro-7120 (12x DVD-RW) (Single/RW)	\$224.99/224.99
Power Pro-7125 (12x DVD-RW) (Single/RW)	\$234.99/234.99
Power Pro-7128 (12x DVD-RW) (Single/RW)	\$244.99/244.99

Premier Videocards

Asus v9520D GeForceFX 5200 w/ 128Mb	see web
-------------------------------------	---------

Full List of Video Cards Available Online

ATI All-in-One Radeon 9800Pro w/ 64Mb (AGP) Video Out	\$399.99
ATI All-in-One Radeon 9800Pro w/ 128Mb (AGP) Video Out	\$419.99
ATI All-in-One Radeon 9800Pro w/ 256Mb (AGP) Video Out	\$439.99
ATI All-in-One Radeon 9800Pro w/ 512Mb (AGP) Video Out	\$459.99
ATI All-in-One Radeon 9800Pro w/ 1024Mb (AGP) Video Out	\$479.99
ATI All-in-One Radeon 9800Pro w/ 2048Mb (AGP) Video Out	\$499.99
ATI All-in-One Radeon 9800Pro w/ 4096Mb (AGP) Video Out	\$519.99
ATI All-in-One Radeon 9800Pro w/ 8192Mb (AGP) Video Out	\$539.99
ATI All-in-One Radeon 9800Pro w/ 16384Mb (AGP) Video Out	\$559.99
ATI All-in-One Radeon 9800Pro w/ 32768Mb (AGP) Video Out	\$579.99
ATI All-in-One Radeon 9800Pro w/ 65536Mb (AGP) Video Out	\$599.99
ATI All-in-One Radeon 9800Pro w/ 131072Mb (AGP) Video Out	\$619.99
ATI All-in-One Radeon 9800Pro w/ 262144Mb (AGP) Video Out	\$639.99
ATI All-in-One Radeon 9800Pro w/ 524288Mb (AGP) Video Out	\$659.99
ATI All-in-One Radeon 9800Pro w/ 1048576Mb (AGP) Video Out	\$679.99
ATI All-in-One Radeon 9800Pro w/ 2097152Mb (AGP) Video Out	\$699.99
ATI All-in-One Radeon 9800Pro w/ 4194304Mb (AGP) Video Out	\$719.99
ATI All-in-One Radeon 9800Pro w/ 8388608Mb (AGP) Video Out	\$739.99
ATI All-in-One Radeon 9800Pro w/ 16777216Mb (AGP) Video Out	\$759.99
ATI All-in-One Radeon 9800Pro w/ 33554432Mb (AGP) Video Out	\$779.99
ATI All-in-One Radeon 9800Pro w/ 67108864Mb (AGP) Video Out	\$799.99
ATI All-in-One Radeon 9800Pro w/ 134217728Mb (AGP) Video Out	\$819.99
ATI All-in-One Radeon 9800Pro w/ 268435456Mb (AGP) Video Out	\$839.99
ATI All-in-One Radeon 9800Pro w/ 536870912Mb (AGP) Video Out	\$859.99
ATI All-in-One Radeon 9800Pro w/ 1073741824Mb (AGP) Video Out	\$879.99
ATI All-in-One Radeon 9800Pro w/ 2147483648Mb (AGP) Video Out	\$899.99
ATI All-in-One Radeon 9800Pro w/ 4294967296Mb (AGP) Video Out	\$919.99
ATI All-in-One Radeon 9800Pro w/ 8589934592Mb (AGP) Video Out	\$939.99
ATI All-in-One Radeon 9800Pro w/ 17179869184Mb (AGP) Video Out	\$959.99
ATI All-in-One Radeon 9800Pro w/ 34359738368Mb (AGP) Video Out	\$979.99
ATI All-in-One Radeon 9800Pro w/ 68719476736Mb (AGP) Video Out	\$999.99
ATI All-in-One Radeon 9800Pro w/ 137438953472Mb (AGP) Video Out	\$1019.99
ATI All-in-One Radeon 9800Pro w/ 274877906944Mb (AGP) Video Out	\$1039.99
ATI All-in-One Radeon 9800Pro w/ 549755813888Mb (AGP) Video Out	\$1059.99
ATI All-in-One Radeon 9800Pro w/ 1099511627776Mb (AGP) Video Out	\$1079.99
ATI All-in-One Radeon 9800Pro w/ 2199023255552Mb (AGP) Video Out	\$1099.99
ATI All-in-One Radeon 9800Pro w/ 4398046511104Mb (AGP) Video Out	\$1119.99
ATI All-in-One Radeon 9800Pro w/ 8796093022208Mb (AGP) Video Out	\$1139.99
ATI All-in-One Radeon 9800Pro w/ 17592186444416Mb (AGP) Video Out	\$1159.99
ATI All-in-One Radeon 9800Pro w/ 35184372888832Mb (AGP) Video Out	\$1179.99
ATI All-in-One Radeon 9800Pro w/ 70368745777664Mb (AGP) Video Out	\$1199.99
ATI All-in-One Radeon 9800Pro w/ 140737491555328Mb (AGP) Video Out	\$1219.99
ATI All-in-One Radeon 9800Pro w/ 281474983110656Mb (AGP) Video Out	\$1239.99
ATI All-in-One Radeon 9800Pro w/ 562949966221312Mb (AGP) Video Out	\$1259.99
ATI All-in-One Radeon 9800Pro w/ 1125899932442624Mb (AGP) Video Out	\$1279.99
ATI All-in-One Radeon 9800Pro w/ 2251799864885248Mb (AGP) Video Out	\$1299.99
ATI All-in-One Radeon 9800Pro w/ 4503599729770496Mb (AGP) Video Out	\$1319.99
ATI All-in-One Radeon 9800Pro w/ 9007199459540992Mb (AGP) Video Out	\$1339.99
ATI All-in-One Radeon 9800Pro w/ 18014398919081984Mb (AGP) Video Out	\$1359.99
ATI All-in-One Radeon 9800Pro w/ 36028797838163968Mb (AGP) Video Out	\$1379.99
ATI All-in-One Radeon 9800Pro w/ 72057595676327936Mb (AGP) Video Out	\$1399.99
ATI All-in-One Radeon 9800Pro w/ 144115191352655872Mb (AGP) Video Out	\$1419.99
ATI All-in-One Radeon 9800Pro w/ 288230382705311744Mb (AGP) Video Out	\$1439.99
ATI All-in-One Radeon 9800Pro w/ 576460765410623488Mb (AGP) Video Out	\$1459.99
ATI All-in-One Radeon 9800Pro w/ 1152921530821246976Mb (AGP) Video Out	\$1479.99
ATI All-in-One Radeon 9800Pro w/ 2305843061642493952Mb (AGP) Video Out	\$1499.99
ATI All-in-One Radeon 9800Pro w/ 4611686123284987904Mb (AGP) Video Out	\$1519.99
ATI All-in-One Radeon 9800Pro w/ 9223372246569975808Mb (AGP) Video Out	\$1539.99
ATI All-in-One Radeon 9800Pro w/ 18446744493139951616Mb (AGP) Video Out	\$1559.99
ATI All-in-One Radeon 9800Pro w/ 36893488986279903232Mb (AGP) Video Out	\$1579.99
ATI All-in-One Radeon 9800Pro w/ 73786977972559806464Mb (AGP) Video Out	\$1599.99
ATI All-in-One Radeon 9800Pro w/ 147573959845119612928Mb (AGP) Video Out	\$1619.99
ATI All-in-One Radeon 9800Pro w/ 295147919690239225656Mb (AGP) Video Out	\$1639.99
ATI All-in-One Radeon 9800Pro w/ 590295839380478451312Mb (AGP) Video Out	\$1659.99
ATI All-in-One Radeon 9800Pro w/ 1180591678760956902624Mb (AGP) Video Out	\$1679.99
ATI All-in-One Radeon 9800Pro w/ 2361183357521913805248Mb (AGP) Video Out	\$1699.99
ATI All-in-One Radeon 9800Pro w/ 4722366715043827610496Mb (AGP) Video Out	\$1719.99
ATI All-in-One Radeon 9800Pro w/ 9444733430087655220992Mb (AGP) Video Out	\$1739.99
ATI All-in-One Radeon 9800Pro w/ 18889466860173310441984Mb (AGP) Video Out	\$1759.99
ATI All-in-One Radeon 9800Pro w/ 37778933	

The battle over next DVD format...

"It's the most versatile platform in terms of capacity, applications and cost opportunities," says Poldervaart.

The company is closely monitoring consumer interest in digital HD broadcasting before committing to a Blu-ray launch date.

Jodi Sally, Director of Marketing for the Digital Audio-Video Group at Toshiba America says they're also "waiting and watching" before announcing its first HD-DVD player/recorder.

"As the U.S. market penetration for digital TV reaches about 10 per cent, then the need for high definition, prerecorded content and high definition disc recording will become more important."

Sally says the HD-DVD format benefits both consumers and content providers because of the single optical pick-up head that integrates both red laser and blue laser. This assures compatibility with the current DVDs and CDs," she says.

"And a single optical pick-up head and lens is also important for

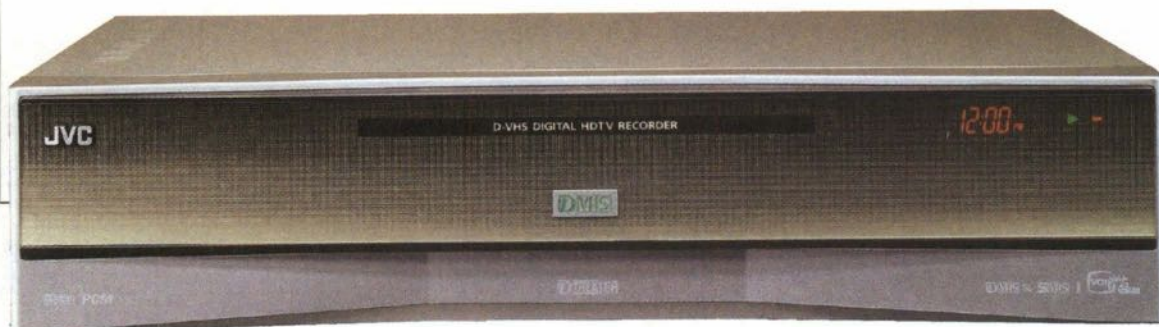
'slim drives' which is very important for both players and PCs," she adds.

Sally says HD-DVD player/recorders will also use the same 'bare disc' structure as current DVDs and CDs (therefore no cartridge is needed). And as a foreseeable cost advantage to manufacturers, these machines can be created by the same disc manufacturing plants and equipment used today.

Boost by PC manufacturers

But the Blu-ray Consortium got a major boost last month when Dell and HP – two of the world's largest personal computer makers – said they would support the format and join the group.

"Blu-Ray is a good convergence format so consumers can expect a seamless transition



NOTEBOOK SPECIALS



New Notebooks and Quality Refurbished Notebooks

TOSHIBA Tecra 8100 P-III 750

- 128mb RAM
- 20GB & DVD

Just \$699.99

Make it a P-III 850 for only \$150 more!

- 256mb RAM & 20GB DVD with a 14.1" Screen

Just \$849.99!!



Refurbished

COMPAQ Armada M700P-III 850

- 128mb RAM & 20GB
- CD-ROM & 14.1" screen

Docking Station - \$799.99!

Double the ram and make it a Gigahertz for only \$100 more!

- P-III 1.0 Ghz - 256mb RAM/20GB DVD and 14.1" screen

Only \$899.99!!



Refurbished

VAIO Sony Viao P-4 1.8 Ghz

Fully-loaded Sony P4's from only \$1349.99!

- 256mb RAM & 30GB
- bilingual keyboard
- CD-RW/DVD Combo with a 16" screen



Refurbished

hp nc4000 Intel Pentium M 1.5

Super-Light Notebook

- 12.1" TFT Display
- 512mb RAM & 40GB
- NEW 3-year HP Warranty

ONLY \$1399.99!

(compare at \$1999.99)

Complete this system with an external DVD/CD-RW combo drive for only \$170 **Now**



3.5lbs
\$1399.99

hp nc6000 Intel Pentium M 1.6

Need a Bit more Horsepower...?

Road Warrior Special

- 256mb RAM & 40 GB
- DVD/CD-RW Combo Drive
- 14.1" screen
- NEW 3-Year HP Warranty

Only \$1799.99!!



\$1799.99

Now

COMPAQ n610C Intel Pentium 4 2.2

Classic Show-Stopper

- 512 mb RAM & 30GB
- CD-ROM
- 14.1" screen
- NEW 3-year HP Warranty

Only \$1799.99



\$1799.99

Now

Offers available while quantity last



Mention this ad, and receive a **FREE Backpack** with your laptop purchase!

Shop online 24 hours a day or call us Toll Free **1.800.500.3692**

MONTREAL & TORONTO SHOWROOM HOURS
Mon - Thurs: 9:00 am - 6:00 pm
Fri: 9:00 am - 5:00 pm

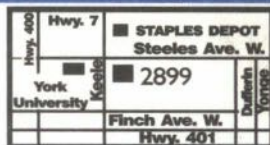


COMPUTERS & PERIPHERALS SUPER STORE

Back to School Sale From August 01, Month Parts & Systems Super Special Madness

2899 Steeles Ave. W., #20, Toronto, Ontario, M3J 3A1

Tel.: (416) 667-1668 Fax: (416) 667-7001



Monday - Saturday
10 am - 6 pm

<http://www.cnpCanada.com/>

Email: cnpny@cnpCanada.com

No extra 3% charge on Visa or MC, Sorry, no cheques please.

Are subject to change without notice. No refund. 15% Re-Stocking Fee. Not responsible for any typo.

We offer customers one stop shopping. We stock most of the products. When you buy a computer system from us, you will get free service charge in future upgrade. We offer the latest technology components systems that Large Chain-stores can never offer. Don't get fool by the Largest chain-stores Ad., They may offer you the obsolete parts in system. System Warranty: 1 Year Parts & 5 Years Labour Replacement

CD-R
50 Discs
1x-52x
80min
700MB \$16

CD-R
50 Discs
1x-48x
80min
700MB \$20

CD-R
50 Discs
1x-48x
80min, 700MB \$22

CD-R
100 Discs
1x-52x, unbranded
80min, 700MB \$30

CD-R
100 Discs
1x-52x, branded
80min, 700MB \$33

DVD Media
PRODISC

-R 4x 50 Pak \$40
-R 4x 50 Pak InkJet Printable \$45

smartbuy

-R 4x 25 Pak \$25
-R 4x 50 Pak \$40
+R 8x 10 Pak \$18
+RW 8x 10 Pak \$20
+R 8x 50 Pak \$45

AMD Athlon xp XP 2000+ 1.67GHz \$400

ASRock

Upgrade to 512MB \$60
To 80GB 7200rpm \$20

ASROCK SIS741GX Motherboard, 4-USB 2.0, 1-AGP 256MB DDR333 PC-2700 Memory 40GB 7200rpm 2MB Hard Drive, 1.44MB FDD CD-RW 52x32x52x drive, Nero Burning software 64MB Max. Shared 3D Video Card Integrated 5.1 Channel Sound, 10/100 MB/s LAN Enhanced ATX Mid Tower 140W Amplified Stereo Speakers HP Multimedia USB Keyboard/USB Wheel Mouse

Intel Inside Celeron

2.40 GHz \$390

ASRock

Upgrade to 512MB \$60
To 80GB 7200rpm \$20

256MB DDR333 Memory, 40GB 7200rpm HDD 1.44MB FDD, CD-RW 52x32x52x drive 64MB Max. Shared Video, Integrated Sound, 10/100 LAN, Enhanced ATX Mid Tower 140W Amplified Stereo Speakers HP Multimedia USB Keyboard/USB Wheel

AMD 64 Athlon 3200+ \$2550

BenQ

MSI

MSI K8N Neo Platinum Edition board, Gb LAN nForce 3, 8-USB2.0, 5-PCI, 1-AGP 8x OCZ 512MB EL PC-3200 DDR 400 CL2 Low Latency Memory, w/copper heatsink WD 200GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive

HP

CD-R
50 Discs
1x-48x
80min, 700MB \$22

CD-R
100 Discs
1x-52x, unbranded
80min, 700MB \$30

CD-R
100 Discs
1x-52x, branded
80min, 700MB \$33

ADATA **ORITEK**

-R 4x 25 Pak \$25
-R 4x 50 Pak \$50
-R 4x 25 Pak InkJet White-Top Printable \$30
-R 4x 50 Pak InkJet White-Top Printable \$60

AMD Athlon xp 2500+ \$999

MSI **BenQ** **Canon**

MSI KM3M-V VIA motherboard, 1-AGP 8x, 512MB PC-2700MHz DDR333 Memory 80GB 7200rpm 2MB Hard Drive, 1.44MB FDD 128MB ATI RADEON 9200SE AGP 8x Video Card BenQ DW800A DVD:R/RW 8x Burner, 8MB Free DVD-R 4x 25 Pak Integrated Surround Sound Card, 10/100 LAN N313 ATX case w/True 350W dual-fan Power Supply, Over-current/surge protection 140W Amplified Stereo Speakers HP Multimedia Keyboard/Scroll Wheel Mouse MS Windows XP CD & Norton Anti-Virus 2003 Canon i250 Color USB Printer include: Limited time offer BenQ 17" G775 True Flat Monitor, 0.22mm

Intel Inside Prescott

L2 1MB CHIP **2.80 GHz** \$1300

BenQ **OCZ** **RW**

MSI 1848P Neo-V board, 6-USB2.0, 5-PCI, 512MB Infineon PC-3200 DDR 400 Memory WD 120GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI 128MB nVidia FX5200 Gaming Video card 4x1 pipeline, chipclock: 250MHz, Memoryclock: 400MHz, Buswidth: 128-bit, BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5G, OEM Free ProDisc DVD-R 4x 25 Pak Integrated AC3 Sound, 10/100 MB/s LAN inWin Strong case w/True 350W dual-fan Power Supply, surge protection, Amplified Stereo Speakers HP USB Multimedia/Internet Keyboard USB Scroll Wheel Mouse MS Windows XP Home CD Software Norton Anti-Virus 2003 Full version BenQ 17" G775 True Flat Monitor, 0.22mm, 3 years Full Factory warranty only

MSI **BenQ** **OCZ** **NVIDIA** **Western Digital**

MSI 128 nVidia FX5900XT Gaming Video Card, 8x1 pipeline, Chipclock: 300MHz, Memoryclock: 700MHz, Buswidth: 256-bit, BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5G, Retail Box Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN Enernax TA800 Strong case w/True 450W dual-fan Power Supply, surge protection, Logitech Z-620 Stereo Speakers w/8" Subwoofer

BenQ

DW1600 DVD+RW 16x/8x, Firmware upgrade to (-) in August/September 8.5GB Double-Layer(+R) 2MB buffer, Ivory \$180

OEM Drives include: burning software, Audio cable, screens DW822A DVD±RW 8x/4x 8.5GB Double-Layer(+R) 8MB buffer, Ivory \$90 DW822A DVD±RW 8x/4x 8.5GB Double-Layer(+R) 8MB buffer, Black \$100

Retail Box Free Qvideo Software

A Open **16X Speed**

RW **8.5GB**

DW±RW 16x/8x Ready Drive 8.5GB Double-Layer(+R) 2MB \$180

CD-RW 52x32x52x Nero burning Software \$40

Intel Inside Prescott

L2 1MB CHIP **2.4AE GHz** \$999

BenQ **MSI** **Canon**

MSI P4MAM-V Prescott ready board, 1-AGP 256MB Infineon PC-3200 DDR 400 Memory 80GB 7200rpm 2MB Hard Drive 1.44MB Floppy Drive 64MB Max. 3D Video card BenQ DW800A DVD:R/RW 8x Burner, 8MB Free DVD-R 4x 25 Pak Integrated AC3 Sound, 10/100 MB/s LAN N313 ATX case w/True 350W dual-fan Power Supply, Over-current/surge protection 140W PMPO Stereo Speakers HP Multimedia Keyboard/Scroll Wheel Mouse MS Windows XP CD & Norton Anti-Virus 2003 Canon i250 Color USB Printer include: Limited time offer BenQ 17" G775 True Flat Monitor, 0.22mm, 3 Years factory warranty only

Intel Inside Prescott

L2 1MB CHIP **3.00E GHz** \$1980

BenQ **OCZ** **RW** **MSI**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 512MB EL PC-3200 DDR400 CL2 Memory WD 160GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI 128MB nVidia Fx5700 Gaming Video card 4x1 pipeline, chipclock: 425MHz, Memoryclock: 550MHz, Buswidth: 128-bit, BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5G Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN iCute 301 Strong case w/True 350W dual-fan Power Supply, surge protection, Altec Lansing Stereo Speakers EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Home CD Software Norton Anti-Virus 2003 Full version BenQ 17" FP767 LCD TFT, 0.264mm, 1280@75Hz, Response time 16ms, Speakers 3 years Full Factory warranty only

Intel Inside Prescott

3.20E GHz \$2998

OCZ **BenQ** **MSI** **Western Digital** **RW**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 2x 512MB EL PC-3200 DDR400 CL2 Low Latency Memory WD 200GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI RX9800 Pro ATI 128MB RADEON 9800 Pro DDR Video Card, chipclock: 380MHz, Memoryclock: 680MHz, Buswidth: 256-bit, 8x1 pipeline BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5GB, Retail Box Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN Enernax TA800 Strong case w/True 450W dual-fan Power Supply, surge protection, Logitech Z-680 500W Stereo Speakers w/8" Ultra Low-bass Subwoofer EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Pro CD Software Norton Anti-Virus 2004 Full version BenQ 9" FP931 LCD TFT, 0.294mm, Response time 16ms, 3 years Warranty only

SAMSUNG

DW800A DVD±RW 8x/4x 8MB large buffer \$80
DW822A DVD±RW 8x/4x 8.5GB Double-Layer(+R) 8MB large buffer \$110

710N 17" 600:1, 12ms 300cd/m² \$580
910S 19" 800:1 \$900
ML-1740 Laser \$200
SF-565P Laser All-In-One, 17ppm \$400
SF-565P Colour Laser 20ppm in black, 5ppm in colour, 64MB, USB 2.0/parallel \$700

ENERMAX

All True Power power supply Smart Fan: 2 minutes to cool down after power off

370W Noisestaker \$90
420W Noisestaker \$100
470W Noisestaker \$120
380W Coolergiant \$100
430W Coolergiant \$120
480W Coolergiant \$140

Intel Inside Prescott

L2 1MB CHIP **2.4AE GHz** \$999

BenQ **MSI** **Canon**

MSI P4MAM-V Prescott ready board, 1-AGP 256MB Infineon PC-3200 DDR 400 Memory 80GB 7200rpm 2MB Hard Drive 1.44MB Floppy Drive 64MB Max. 3D Video card BenQ DW800A DVD:R/RW 8x Burner, 8MB Free DVD-R 4x 25 Pak Integrated AC3 Sound, 10/100 MB/s LAN N313 ATX case w/True 350W dual-fan Power Supply, Over-current/surge protection 140W PMPO Stereo Speakers HP Multimedia Keyboard/Scroll Wheel Mouse MS Windows XP CD & Norton Anti-Virus 2003 Canon i250 Color USB Printer include: Limited time offer BenQ 17" G775 True Flat Monitor, 0.22mm, 3 Years factory warranty only

Intel Inside Prescott

L2 1MB CHIP **3.00E GHz** \$1980

BenQ **OCZ** **RW** **MSI**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 512MB EL PC-3200 DDR400 CL2 Memory WD 160GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI 128MB nVidia Fx5700 Gaming Video card 4x1 pipeline, chipclock: 425MHz, Memoryclock: 550MHz, Buswidth: 128-bit, BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5G Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN iCute 301 Strong case w/True 350W dual-fan Power Supply, surge protection, Altec Lansing Stereo Speakers EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Home CD Software Norton Anti-Virus 2003 Full version BenQ 17" FP767 LCD TFT, 0.264mm, 1280@75Hz, Response time 16ms, Speakers 3 years Full Factory warranty only

Intel Inside Prescott

3.20E GHz \$2998

OCZ **BenQ** **MSI** **Western Digital** **RW**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 2x 512MB EL PC-3200 DDR400 CL2 Low Latency Memory WD 200GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI RX9800 Pro ATI 128MB RADEON 9800 Pro DDR Video Card, chipclock: 380MHz, Memoryclock: 680MHz, Buswidth: 256-bit, 8x1 pipeline BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5GB, Retail Box Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN Enernax TA800 Strong case w/True 450W dual-fan Power Supply, surge protection, Logitech Z-680 500W Stereo Speakers w/8" Ultra Low-bass Subwoofer EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Pro CD Software Norton Anti-Virus 2004 Full version BenQ 9" FP931 LCD TFT, 0.294mm, Response time 16ms, 3 years Warranty only

Professional Quality/Features

15" FP567, 480:1, 12ms \$420
17" FP757, 480:1, 12ms \$560
17" FP767W, 500:1 \$520
17" FP767, 500:1, 12ms \$590
19" FP931 480:1, 16ms \$700
19" FP992, 700:1, 25ms \$860

ENERMAX

All True Power power supply Smart Fan: 2 minutes to cool down after power off

370W Noisestaker \$90
420W Noisestaker \$100
470W Noisestaker \$120
380W Coolergiant \$100
430W Coolergiant \$120
480W Coolergiant \$140

Intel Inside Prescott

L2 1MB CHIP **2.4AE GHz** \$999

BenQ **MSI** **Canon**

MSI P4MAM-V Prescott ready board, 1-AGP 256MB Infineon PC-3200 DDR 400 Memory 80GB 7200rpm 2MB Hard Drive 1.44MB Floppy Drive 64MB Max. 3D Video card BenQ DW800A DVD:R/RW 8x Burner, 8MB Free DVD-R 4x 25 Pak Integrated AC3 Sound, 10/100 MB/s LAN N313 ATX case w/True 350W dual-fan Power Supply, Over-current/surge protection 140W PMPO Stereo Speakers HP Multimedia Keyboard/Scroll Wheel Mouse MS Windows XP CD & Norton Anti-Virus 2003 Canon i250 Color USB Printer include: Limited time offer BenQ 17" G775 True Flat Monitor, 0.22mm, 3 Years factory warranty only

Intel Inside Prescott

L2 1MB CHIP **3.00E GHz** \$1980

BenQ **OCZ** **RW** **MSI**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 512MB EL PC-3200 DDR400 CL2 Memory WD 160GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI 128MB nVidia Fx5700 Gaming Video card 4x1 pipeline, chipclock: 425MHz, Memoryclock: 550MHz, Buswidth: 128-bit, BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5G Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN iCute 301 Strong case w/True 350W dual-fan Power Supply, surge protection, Altec Lansing Stereo Speakers EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Home CD Software Norton Anti-Virus 2003 Full version BenQ 17" FP767 LCD TFT, 0.264mm, 1280@75Hz, Response time 16ms, Speakers 3 years Full Factory warranty only

Intel Inside Prescott

3.20E GHz \$2998

OCZ **BenQ** **MSI** **Western Digital** **RW**

MSI 1865PE Neo2-PFS Platinum Edition board, 8-USB2.0, 5-PCI, 1-AGP 8x, Gb LAN, OCZ 2x 512MB EL PC-3200 DDR400 CL2 Low Latency Memory WD 200GB SATA150 7200rpm 8MB Hard Drive 1.44MB Floppy Drive MSI RX9800 Pro ATI 128MB RADEON 9800 Pro DDR Video Card, chipclock: 380MHz, Memoryclock: 680MHz, Buswidth: 256-bit, 8x1 pipeline BenQ DW822A DVD:R/RW 8x Burner, 8MB buffer, Double-Layer 8.5GB, Retail Box Free ProDisc DVD-R 4x 50 Pak Integrated AC3 Sound, 10/100/1000 MB/s LAN Enernax TA800 Strong case w/True 450W dual-fan Power Supply, surge protection, Logitech Z-680 500W Stereo Speakers w/8" Ultra Low-bass Subwoofer EZ-7000 Multimedia/Internet Keyboard Black Optical Wheel Mouse MS Windows XP Pro CD Software Norton Anti-Virus 2004 Full version BenQ 9" FP931 LCD TFT, 0.294mm, Response time 16ms, 3 years Warranty only

The battle over next DVD format...

between the living room and home office, between media and data," says Maureen Weber, General Manager for HP's optical storage solutions business.

Weber says Blu-ray discs will eventually hold 100 Gigabytes of information (dual layer, dual-sided), which allows creative software vendors "to integrate ideas we haven't even thought about yet."

But she acknowledges consumers will not want to abandon their existing DVD collection. "HP believes that for Blu-ray to be successful it will need to be backwards compatible with the current DVDs."

Today's options

Panasonic, a supporter of Blu-ray technology, believes today's red laser DVD recorders will continue to grow in popularity long before we see the first Blu-ray or HD-DVD product on store shelves in the U.S..

According to Reid Sullivan, VP of the Entertainment Group at Panasonic, recordable red laser DVD products in the U.S. sold roughly 550,000 pieces in 2003, up from 175,000 pieces in 2002. The estimates for 2004 hover around 2.5 million units, and then up to 5.5 million units in 2005.

Panasonic makes approximately half of all recordable DVD products sold today, ranging from \$450 to \$1200. Prices vary on the machine's features, such as an integrated hard drive recorder, a.k.a. Personal Video Recorder (PVR).

"But in the future, we're excited about Blu-Ray and the industry support rallying behind it – and it's a coup to have Dell and HP onboard now, too" says Sullivan.

Philips, one of the first companies to introduce DVD recorders in North America in 2001, also expects high growth for the red laser recordable market in the next few years.

The company is expected to introduce dual-layer recording within the

DVD+RW format by the second half of 2004, allowing up to 8.5 Gigabytes of information. In June, Philips will launch a DVD+RW/PVR combo unit based on a 120 Gigabyte hard drive for television recording.

Back to tape?

JVC's "D-VHS" technology is another – albeit lesser-known – HD solution available today. It's a VHS-like machine that takes special tapes capable of recording 50 Gigabytes of HD content.

"Until very recently, D-VHS has been the only technology that allowed a consumer to record a high definition program in high definition," says Terry Shea, GM of Corporate Communications for JVC America. "For home theater enthusiasts, movie buffs and others who embraced HDTV early, D-VHS has been their only option if they want to record in HD."

Shea points out that PVRs do not allow for long-term archiving of HD programming since it must be stored on the unit's hard drive.

What's more, D-VHS remains the only way to watch prerecorded Hollywood movies in high-definition. Five studios currently offer titles in the "D-Theater" format – D-VHS with special encryption to prevent unauthorized copying. Films such as Terminator 2 and U-571 are examples of what's available today.

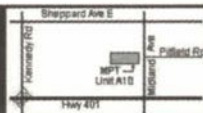
But Pidgeon isn't sold on the technology: "Consumers don't want this, nobody wants to go back to tape."

By Marc Saltzman

MPT

2370 MIDLAND Ave. Unit A10, Scarborough, ON, M1S 5C6
TEL: 416-292-0533 Hours: 10am-7pm Mon.-Fri., 10am-5pm Sat., closed Sunday
** prices are cash discounted and subject to change **

For more specials visit WWW.MPTCOMPUTERS.COM



Directions from Hwy 401:
- exit Kennedy Rd. NORTH
- Sheppard Ave. EAST
- Midland Ave. SOUTH
- turn right at 1st traffic light
- #2370 Winco Business Park
- we are Unit # A-10



** FAST ETHERNET PRINT SERVER \$69 **

- 10 / 100 MBPS AUTO SENSING
- SUPPORTS DHCP CLIENT
- TCP/IP, IPX, NETBI, APPLE TALK, LPR
- WINDOWS 98 / ME / NT / 2000 / XP
- MAC OS 8.0 OR HIGHER
- UNIX / LINUX & NETWARE 3.12 OR HIGHER
- INTERNET PRINTING PROTOCOL (IPP)
- S N M P SUPPORT
- SMALL COMPACT SIZE



* CRIMP TOOL & BIX PUNCH \$19 *

- RJ-45 (8P8C) COMPATIBLE
- RJ-12 (6P6C) COMPATIBLE
- RJ-11 (4P4C) COMPATIBLE
- WIRE CUTTER
- WIRE STRIPPER
- SOLID STEEL CONSTRUCTION
- PORTABLE STYLE
- BIX PUNCHDOWN TOOL ALSO INCLUDED !



* TARGUS NOTEBOOK BACKPACK \$29 *

- ADJUSTABLE PADDED DIVIDER
- FRONT ACCESSORY POCKET
- PVC REINFORCED FLAP WITH MOLDED FASTENERS
- BUSINESS CARD AND PEN/PENCIL HOLDERS
- FILE POCKET AND DISK POCKETS
- CUSHIONED BACK PAD WITH ADJUSTABLE STRAP
- REINFORCED HANDLE
- STURDY NYLON CONSTRUCTION



** USB INFRA RED ADAPTER \$29 **

- ULTRA SMALL USB IRDA CONVERTER
- WORKS WITH ANYTHING THAT HAS INFRA RED
- ALLOWS FOR WIRELESS CONNECTION WITH.
- PDA'S
- CELL PHONES
- NOTEBOOKS
- DIGITAL CAMERAS
- DATA TERMINALS



** ENERMAX 300W \$49 **

- DUAL FAN DESIGN
- WHISPER QUIET
- THERMAL CONTROL



** ENERMAX NOISTAKER **

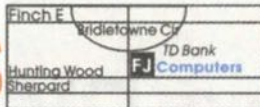
- 370 WATTS ONLY \$79 !
- SMART FAN CONTROL
- SEPARATE 12V RAILS



* ENERMAX COOLERGIAANT *

- 480 WATTS ONLY \$109 !
- SANYO DENKI BLOWER
- SEPARATE 12V RAILS

FJ Computers



2551 WARDEN AVE. SCAR ON MIW2H5
Tel: 416-496-7877 Fax: 416-496-7977
Email: SALES@FJCOMPUTERS.COM
StoreHour: Mon-Fri : 11:00am- 7:00pm
Sat&Sun: 11:00am-4:00pm

Find out why we are special!

We guarantee the BEST Quality & Service at LOWER price Free Local Delivery is Available!

Back to School Special!!

P4 C2.4GHz/533 \$319 INTEL NEW P4 Celeron 2.4/533 ECS GameUnion 533FSB USB 2.0 60G 7200 ATA133 HDD DDR RAM 128M Module Xabare 200 64M DDR 8X AGP- -NON-SHARED Video Card Hitachi 16X DVD-ROM SONY Floppy 1.44M 4-In-One Card Reader Sound Blaster Compatible ob Realtek 10/100 NIC ob ATX P4 Midtower CASE/350W WIN Keyboard & Scroll Mouse 120(180W) 3D Stereo Speakers Upgrade RAM to 256MB +\$35 Upgrade CDRW 52X +\$25 AMD Athlon 3200A \$299	OFFICE P4 2.5GHz \$449 INTEL P4 2.5GHz CPU ECS GameUnion 533FSB USB2.0 Maxtor 80G/7200 ATA133 HDD 256 MB DDR Ram Module Xabare 200 64M DDR 8X AGP- -NON-SHARED Video Card LG 52X32X52 CDRW/NEONS.5 SONY Floppy 1.44M 4-In-One Card Reader Sound Blaster Compatible ob Kingston 10/100 NIC ATX P4 Midtower CASE/350W WIN Keyboard & Scroll Mouse 120(180W) 3D Stereo Speakers Upgrade CPU to P4 3.0 +\$99 AMD XP 2600+ \$388	GAMER P4 2.8E/800/1M \$499 INTEL P4 2.8 E/800/1M ASUS P4PE2-XB45PE 800 FSB USB2.0 ATI Radeon 9200se 128M DDR TV Maxtor/W/D HDD 120G/7200 RPM Major 512 DDR PC3200/400, Floppy LG 52X24X52CDRW&16X DVDCCombo SB 6 Channel Compatible 10/100NIC Front USB 2.0 Midtower/350W WIN Keyboard & Scroll Mouse 600W 3D Subwoofer Speakers Upgrade CPU to 3.0C +\$99	Extreme Gamer \$888 INTEL P4 3.0E/800/1M CPU ASUS P4 P800s i848 USB2.0 Maxtor/W/D 160G/7200 8M SATA Major 512MB DDR 400 PC3200 ATI Radeon 9600SE 128MB DDR LG 8X DVD +/- R/RW w/SF SONY 1.44 Floppy SB 6 Channel Compatible ob Kingston 10/100 NIC Front USB 2.0 Midtower Case 450W P.S. Dual Fan Microsoft Multi-KB & Opt Mouse 600W 3D Subwoofer Speakers Upgrade MB to P4P800DX +\$79 Upgrade CPU to 3.2E +\$99
ECS L7VM3 USB2.0 MB 60G/7200 ATA133HDD DDR RAM 128MPC2100Module Hitachi 16XDVD-ROM SONY Floppy 1.44M VIA 3D 128b Video 32MAGPob Sound Blaster Compatible ob Realtek 10/100 NIC ob ATX Midtower CASE/350W PS WIN Keyboard & Scroll Mouse 120(180W) 3DStereoSpeakers	AMD XP 2600+ CPU \$388 AMD XP 2600+ CPU ECS MBC 741GXATHLN USB2.0 Maxtor/W/D 80G/7200 RPM RAM 256MB DDR Module LG 52X32X52 CDRW/NEON 5.5 SONY Floppy 1.44M Real 256E 64M Video ob 6 Channel Sound Card ob Realtek 10/100 NIC (on board) ATX P4 Midtower CASE/350W WIN Keyboard & Scroll Mouse 120(180W) 3D Stereo Speakers Up. CPU to 2800+ +\$55	AMD XP 3000+ \$658 AMD XP3000+ 333 CPU ASUS A7V8X-K1400 AGP8X Maxtor/W/D 120G/7200RPM RAM 512M DDR400 Module ATI Radeon 9200SE 128M DDR LG52X32X52CDRW & 16XDVDCombo SONY Floppy 1.44M 6 Channel Sound Card OB Kingston 10/100 NIC ATX P4 Front USB Case/350W WIN KB & Scroll Mouse 600W 3D Subwoofer Speaker Upgrade to 3200+ +\$79	AMD Gamer 64 3000+ \$1059 ASUS K8V K8T800 SATA Raid MB Maxtor/W/D 160G/7200 8M SATA Major 1 GB DDR 400 PC3200 ATI Radeon 9600SE 128M DDR LG 8X DVD +/- R/RW w/SW SONY 1.44 Floppy SB 6 Channel Compatible ob Gigibit LAN 10/100 NIC Front USB 2.0 Midtower P.S. Dual Fan 450W Microsoft Multi- KB & Opt Mouse 600W 3D Subwoofer Speakers Up to Athlon 64 3200+ +\$99



ATI Radeon All-in-wonder 9800 PRO 128M DDR Retail Box w/Remote (Built by ATI) \$388



17" SAMSUNG 713V Silver \$495 (CONTRAST 900:1)



17" SAMSUNG 173S Black \$495



2.5" 40G Mobile HDD USB 2.0 External HDD USB 2.0 \$139



3.5" 120G External HDD USB 2.0 \$139



CD R 50PAK 48X700M \$15.99
CD R 100PAK 48X700M \$23.99
CD R 100PAK 52X700M \$24.99
DVD+R 4X25PAK \$19.99
DVD-R 4X25PAK \$14.99



Ultra Small SipeX Digital Camera/Webcam 8M Ram \$33.99



USB ADAPTER
DWL-120+/22Mbps \$53

PCMCIA CARD
DWL-650/11Mbps \$39
DWL-650+/22Mbps \$45
DWL-6650/108Mbps \$58

PCI CARD
DWL-520/11Mbps \$40
DWL-G520/108Mbps \$63

WIRELESS ROUTER
DI-614+/22Mbps \$49
DI-624G/54Mbps \$69
DI-624G/108Mbps \$79

D-Link
DI-704P w/printer server \$39.99
DI-704UP USB printer server \$55

108
DSB-C100 WEBCAM \$19.99
D-Link Access Point AP800+ \$55




LG 4081B 8X DVD +/- RW \$75
LG 4082B 8X DVD +/- RW \$85



Hitachi 16X DVD ROM \$25

DELL Notebook



DELL Latitude C600 Slim Intel P3 CPU
14.1 TFT 1024X768
128MB 20G HDD
ATI M3 Video Card
24XCDROM Floppy
3COM10/100 LAN
56k Modem Sound
Battery AC Adapter
USB, 2 PCMCIA Slot

We CAN BEAT any Ads Price of DELL leased notebooks. Call for upgrading or option for DELL note books. IBM A21M P3 700

Intel P3 CPU
12.1 TFT
128MB 10G HDD
24XCDROM Floppy
3COM10/100 LAN
56k Modem Sound
Battery AC Adapter
USB, 2 PCMCIA Slot

Win 98SE pre-loaded with recover CD

P3 700 \$588 P2 366 \$399

ASUS Notebook



ASUS Intel P4 Celeron -2.4GHz/533(A2H)\$1168
15" TFT, 256MB DDR, LAN, 56K, DVD-CDRW
IEEE1394 4XUSB2.0, 40G HDD, TV-Out, VGA
PCMCIA, 3-in-1 Card Reader
P4 2.5GHz+256MB+40G \$1248
P4-2.8G/800+256MB+40G \$1299
P4-3.0G/800+512MB+60G \$1535
ASUS Intel Centrino -1.5GHz (S5N) \$1598
12" TFT, 256MB DDR, LAN, 56K, DVD-CDRW
IEEE1394, 4XUSB2.0, 40G HDD, TV-Out,
PCMCIA, Ultra Small & thin, 3.5 lb
ASUS Intel Centrino -1.5GHz (M3N) \$1438
14" TFT, 256MB DDR, LAN, 56K, DVD-CDRW
IEEE1394 4XUSB2.0, 40G HDD, TV-Out, VGA
PCMCIA, Ultra Small & thin, 4.0 lb, 5.5 Hrs
ASUS Intel Centrino -1.5GHz (M6N) \$1738
15.4" Wide Screen TFT, 256MB DDR, IEEE1394 4XUSB2.0, 40G HDD, TV-Out, VGA PCMCIA, 5.71 lb, 5 Hrs, LAN, 56K, DVD-CDRW
ATI Radeon 9700 64M External Video, Dual Display 1400x1050UXGA, Great for games and graphics
Centrino 1.6G/1.7G +\$88/\$129
Upgrade 512MB /60G/80G +\$78/\$58/\$110

HARD DRIVE

Maxtor/W/D 40GB 7200 RPM
Maxtor 80/120GB 7200 RPM
Maxtor 120GB 7200rpm / 8M
WestonDigital 80GB 7200 RPM 8M
WestonDigital 120GB 7200 RPM 8M
NotebookHDD2.5" 30G/40G/60G \$110/119/145
Mobile Rack (HDD) /Aluminium \$16/\$35
USB2.0 External Enclosure 2.5" For Laptop \$29
USB2.0 IDE External Enclosure 3.5" /5.25" \$45/49

CD ROM/CDRW/DVD/DVD RW

LG/NEC 52X CDROM
Hitachi 16X DVD ROM
PIONEER 16X DVD/SLOT
LG 52X32X52 CDRW w/Neon5.5
LG52X32X52CDRW&16XDVD Combo
LG 4081B 8X DVD +/- RW w/SF
LG 4082B 8X DVD +/- RW w/SF

SOUND CARD

C-Media 4 Channel PCI
Creative S.B 128 3D Sound PCI
Creative S.B LIVE VALUE 5.1
Creative S.B AUDIGY OEM
Creative S.B AUDIGY 2 OEM

PRINTER/SCANNER

EPSON C44Jet Color Printer
Canon i250 500 dpi
Lexmark X125(Fax/Print/Copy/Scan)
HP 1000 Laser Printer
Canon iDE20 SCANNER

VIDEO CARD

\$66 PINE SIS 32M/SIS 64M AGP VIDEO \$31/\$39
\$79/105 PANDEXT T12 M64 32MB/GF2 400 64M PCI \$58/78
\$118 GF4 MX440SE 64M 8XAGP TV \$52
\$88 Leadtek GF FX5200 128MB 8XAGP \$88
\$115 Leadtek GF FX5700IE 128MB \$168
\$88 ATI RADEON 7000 64MB DDR PCI TV \$58
\$39 ATIRadeon 9200SE 128MB DDR TV \$39
\$88 ATI Radeon 9600 SE128MB DDR/9600 PRO \$88/188
\$249 ATI Radeon 9600 XT 128MB DDR (Build by ATI)
\$194 ATI Radeon All-in-Wonder 9000PRO 64MB DDR
\$255 ATI Radeon All-in-Wonder 9600 128MB DDR
\$388 ATI Radeon All-in-Wonder 9800PRO 128MB DDR
\$69/79 MSI TV ANYWHERE/REMOTE/MASTER
\$88 MSI VOX USB 2.0 TV-Tuner
\$65 Leadtek TV 2000 XP w/CAPTURE \$65

MONITOR / LCD

\$75 17" DELL/IBM FLAT Monitor (30 Days Warranty) \$79
\$85 17" LG 700S Monitor \$139
\$17 LG FLATRON-EZ T7108H \$175
\$149 17" SAMSUNG 753DF 1280x1024 .20
\$199 17" SAMSUNG 765 MB W/B
\$188 17" Viewsonic E70F Perfect Flat
\$399 15" LG 1515S LCD
\$495 17" SAMSUNG 713V LCD Silver Contrast 500:1
\$495 17" SAMSUNG 173S LCD
\$499 17" SAMSUNG 171N LCD
\$499 15" BENQ FP731 LCD

Diminutive DV

Digital video cameras are becoming more popular thanks to competitive pricing and the ease with which the video can be edited on a home computer. Some of the latest models have been made even more appealing because of their compact design.

Samsung's new Digital-cam SC-D303 is one of these, with a form that's only slightly larger than many digital still cameras, despite the fact that it houses a Mini DV cassette and comes with a ton of features.

Those include an incredible 20x optical zoom lens. The camera claims up to 900x with digital zoom, but even at 20x, the picture can get pretty unstable if your hands shake. Factor in the digital distortion, and the digital zoom becomes a pretty much meaningless number.

The camera controls are well laid out, with the most often-used buttons within easy reach of the hand holding the camera. One small issue, however, is the closeness of the record button to the battery, which sticks out the back of the camera.

The SC-D303 has many of the other features you'd expect in a digital video camera: image stabilization, night shooting mode, slow shutter mode, and the ability to capture still images. The still image resolution is only 640x480 pixels, which is great for capturing very basic images but certainly won't replace even a basic digital still camera. The camera has a slot for MemoryStick media (but does not come with a card) for saving still photos or recording MPEG-4 video at 320x240 pixels.

Samsung Digital-cam SC-D303
www.samsung.ca
Estimated price: \$599

One nice feature for beginning videographers is the Easy Q button, which puts the camera into auto mode — no configuring, just press, point and shoot.

Transferring video can be done by connecting a PC by cable to the camera's FireWire (also called IEEE 1394 or i.Link) or USB ports, or transferring the MemoryStick card from the camera to a PC. The camera also has an A/V connector for hooking it up to external screen, and an S-Video connector beneath the large LCD viewfinder.

Overall, the SC-D303 is a nice compact DV camera. And, at a suggested retail price of \$599 it's very affordable too.

By Sean Carruthers



Dealers Welcome!

- Compatible Cartridges
- Cleaning Cartridges
- Laser Toners
- Inkjet Refill Kits
- Printer Ribbons
- Thermal Ribbons
- Inkjet Photo Paper

inkjetmart
www.inkjetmart.com

100% Risk Free!

Become an **AUTHORIZED RETAILER** to earn up to **30% commission** and get **FULL Marketing and Sales Support.**

Best retail price in the market

Please contact sales@inkjetmart.com for more details

Toll Free: **1-888-2833-INK(465)**
Vancouver * Richmond * Scarborough

X400
Specially Designed for PC Gaming

Audio solution based on Multimedia PC, DVD & Home Entertainment

"...In Conclusion, I think this set is perfect for your computer or in your living room hooked up to your DVD Player." -From reviews on www.thetechzone.com
More reviews on www.ign.com, www.envynews.com, www.viper.com.

Authorized distributor: Aztec Micro
Tel: (905)763-8018 Fax: (905)771-9643

Please visit our website for a complete list of retailers

X100
Multimedia Speaker

Edifier
www.edifier.ca

Hot Summer Sale

Edifier Technology Corporation
Unit 10, 3671 Viking Way, Richmond BC
Canada V6V 2J5

Tel: (604) 232-5227
Toll Free: 1-877-EDI-FIER(334-3437)
Fax: (604) 232-5226



SUMMIT DIRECT AUGUST SPECIALS !!!

WE WILL BEAT ANY ADVERTISED PRICE!!*

*See Store For Details!

\$399⁹⁷

\$899⁹⁷

\$1549⁹⁷

\$1999⁹⁷

SUMMIT BARGAIN

P4Celeron @ 2.4 GHz

Asus ASRock GEPRO-M2 MB
w/8x agp, 6 USB 2.0 ports
256 Meg DDR Memory
40 GB ATA 133 Hard Drive
1.44 Floppy Drive
52X CD Re-Writer
300W Mid Tower
64MB AGP Video Shared
10/100 Network Interface
3D Sound O/B
Amplified Speakers
PS/2 Mouse
104 Win Keyboard

SUMMIT VALUE

Pentium 4 @ 2.8 GHz

W/512 L2 Cache

Asus ASRock GEPRO-M2 MB
w/8x agp, 6 USB 2.0 ports
512 Meg DDR Memory
80 GB ATA 133 Hard Drive
1.44 Floppy Drive
8x +/- DVD Re-Writer included!
300W Mid Tower
64MB DDR SIS 650 Video o/b
10/100 Network Card
3D Sound O/B
Amplified Speakers
PS/2 Mouse
104 Win Keyboard
17" SVGA Flat Monitor
Windows XP Home (CD & License)

SUMMIT TITAN

Pentium 4 @ 2.8C GHz

Asus P4P800S 800Mhz FSB MB
w/8x agp, USB2.0, i848P, SATA
512 DDR Memory PC 400
120 GB 7200 rpm Hard Drive **SATA** FSB
1.44 Floppy Drive HT Technology!
350W Mid Tower
GeForce 5200 128Meg Video w. TV/O
Internet Keyboard
Optical Scroll Mouse
6ch, 24 Bit on Board Sound
DVD Re-Writer/ CDRW combo included!
17" Flat LCD Color Monitor
600w Amplified Speakers w. Sub.
Win XP Home w. CD/License

SUMMIT PERFORMER

Pentium 4 @ 3.0C GHz

ASUS P4C800E Dlx Motherboard^{800 Mhz FSB}
w/8x agp, 6USB 2.0, Raid/ 1394 HT Technology!
1GB Dual DDR RAM PC- 400MHz
160 GB SATA 150 7200 rpm Hard Drive
1.44 Floppy Drive
350W Deluxe Mid Tower
Geforce FX5600 256Meg 8x Video
MS Internet Keyboard
MS Optical Scroll Mouse
6 CH 32 Bit Stereo Sound
8x DVD-RW/+RW Ram Drive
1GB Ethernet Lan
Speakers w. Subwoofer
17" Flat LCD Color Monitor
Win XP Home CD/License

SUMMIT AMD \$349⁹⁷

AMD XP 3200+

Asus ASRock K7S41GX MB
w/8x agp, 6 USB 2.0 ports
256 Meg DDR Memory
40 GB ATA 133 Hard Drive
1.44 Floppy Drive
52X CD Rom
300W Mid Tower
64MB AGP Video Shared
10/100 Network Interface
3D Sound O/B
Amplified Speakers
PS/2 Mouse
104 Win Keyboard

Hard Drives

40 GB 7200rpm \$ 69⁹⁷
80 GB 7200rpm \$ 89⁹⁷
120 GB 7200rpm ^{2m}Cache \$ 114⁹⁷
120 GB 7200rpm ^{8m}Cache \$ 129⁹⁷
120 GB 7200rpm SATA \$ 139⁹⁷
160 GB 7200rpm ^{8m}Cache \$ 149⁹⁷
160 GB 7200rpm SATA \$ 159⁹⁷
200 GB 7200rpm ^{8m}Cache \$ 179⁹⁷
200 GB 7200rpm SATA \$ 189⁹⁷



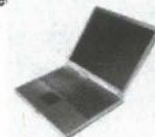
NOTEBOOK SPECIALS!!!

\$1449⁹⁷

Asus A2H Series

Pentium 4 @ 2.8 GHz

Intel P4 2.8Ghz CPU, 533 FSB
512M SODimms DDR Memory
60GB ATA 100 Hard Drive
15" XGA TFT Screen
SIS 650 64 Meg Shared Vide
8x DVD, 24x CDRW Combo
56k Fax Modem, IR Port
10/ 100 Lan, TV out
AC 97S Sound
Integrated Speakers
5 USB 2.0 Ports
1Parallel Port
1PCMCIA Slot
1 IEEE 1394 Firewire
Li-ion Internal Battery Included



WOW!
WOW!

\$1949⁹⁷

LG XNOTE IS 50

Intel M Centrino @ 1.5 GHz

Intel Centrino Mobile Technology
Intel Pentium M Processor 1.5 Ghz
256M SODimms DDR Memory
40GB ATA 100 Hard Drive
15" XGA TFT Screen
Intel 855 Graphics 64M Video
8x DVD, 24x CDRW Combo
56k Fax Modem, Card Reader
Wireless Lan, TV out
3D Soundpro, Integrated Sp.
3 USB 2.0 Ports, Parallel Port
10/ 100 Lan, IEEE 1394 Firewire
Li-ion Internal Battery Included
Up to 6 Hours Ext. Battery Life
MS Windows XP Home OEM

UPGRADES

INTEGR. S. 462 MBOARD \$ 224⁹⁷
AMD XP 3000+ CPU,
256M RAM, ATX Mid Tower
Intel Celeron 2.4 Ghz \$ 269⁹⁷
P4 Mainboard, 256 Meg
DDR Ram, ATX Mid Tower
Pentium 4 2.8 Ghz \$ 399⁹⁷
Asus Mainboard, 256 Meg
DDR Ram, ATX Mid Tower

Motherboards

Asus P4C800E-DX \$ 249⁹⁷
Asus P4C800-DX \$ 234⁹⁷
Asus P4P800E-DX \$ 169⁹⁷
Asus P4S800 \$ 94⁹⁷
Asus P4P800SE \$ 139⁹⁷
Asus P4P800-VM \$ 119⁹⁷
Asus P4P800S \$ 109⁹⁷
Asus A7N8X-E-DX \$ 154⁹⁷
Asus A7N8X-X \$ 99⁹⁷
Asus A7V8X-X \$ 89⁹⁷
Asus K8V-SE DX \$ 159⁹⁷
ECS Socket478 Integr. \$ 64⁹⁷

Video Cards

ATI Rad. 9600XT 128Meg DDR \$ 249⁹⁷
Geforce 5600FX 256M DDR 8X \$ 199⁹⁷
ATI AIW Rad. 9600XT 128Meg \$ 329⁹⁷

CD- RW/ DVD/ CDROM

52x CD Rom \$ 19⁹⁷
52x24x52x16DVD Combo \$ 74⁹⁷
LG 52x32x52 CDRW \$ 39⁹⁷
LG 8X DVD +/- Re Writer \$ 109⁹⁷

Brampton

Near Steeles & Kennedy
30 Rambler Dr #10
Tel: (905) 874-9521
Fax: (905) 874-9175

Etobicoke

868 The Queensway
Tel: (416) 201-0258
Fax: (416) 201-0186

Mississauga

4141 Dixie Rd.
Rockwood Mall
Next to Royal Bank
Tel: (905) 282-9555
Fax: (905) 282-0195

North York

2150 Steeles Ave.W.
Tel: (416) 410-9555
Fax: (905) 738-8363

Ask For Our In Store
Service & Repair Professionals
We do on Site Networks
for Home & Business

*All prices already 3% cash discounted. All prices subject to change without notice. We reserve the right to limit quantities. Hawk is a trademark of Summit Direct. All Hawk Systems come with a 6 month power exchange warranty and 7 years labour. All trademarks and trade names are used to identify entities claiming the marks and names of their products. All trademarks are the property of their owners Summit Direct Inc. and some of their associated stores are not obligated to honor sale prices. Summit Direct Inc. will not be responsible for typing, or printing errors. System prices may change due to market fluctuations of components.

4Eyes Home Edition

Build your own DVR System as low as \$199!!!



Specifications:

- Video Input: 4 cameras per card (support up to 2 cards in a PC)
- Display frame rate: 30/25 fps total
- Resolution: 320x240 pixels per camera
- 24bit true color RGB
- Video compression: MPEG4
- Video Format: NTSC/PAL
- Password control for login/logout

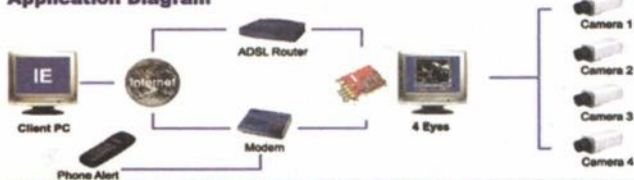
Features:

- Digital Video Surveillance
- Web Security Monitoring
- Digital Recording
- Backup, Playback Utility

30 fps in total up to 2 cards 4/8 cameras



Application Diagram



NEW! ESS1004 BAK Standalone real time security Digital Video Recorder

- 4 channel playback
- VGA output resolution up to 1280 X 1024
- Motion detection recording
- Auto recycle recording
- Removable HDD bay and USB 2.0 for easy backup (HDD not included)

Where to buy?

MIT Computers BM Electronics Tomken Technologies
 40 Shields Court 312 College Street 991 Matheson Blvd. East
 Markham L3R 0M5 Toronto, M5T 1S3 Mississauga, L4W 2V3
 Tel: (905)946-0908 Tel: (416)923-3368 Tel: (905)625-9889

Dealers are welcome!

Please call 1-888-663-5225 X227

MICROJACK

www.microjack.com

40015094

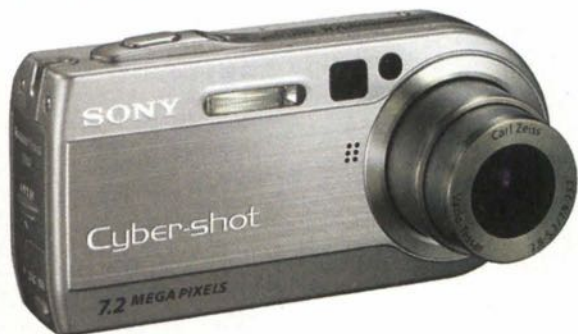
Big megapixel counts and big camera bodies aren't necessarily mutually inclusive anymore.

Sony's newest Cyber-shot, the DSC-P150 is a 7.2 MP camera featuring a Carl Zeiss lens and 3X optical zoom, giving 3072 x 2304 images when shooting at the highest resolution.

Sony is promising 310 shots per full battery charge and nine scene modes including landscape, snow and fireworks for shooting in a variety of lighting conditions.

The camera is compatible with the latest incarnation of Sony's proprietary Memory Stick media cards but ships with a 32MB older variety media.

The Cyber-shot DSC-P150 is small enough to fit into a shirt pocket. Said pocket doesn't need to be too deep, however; the 7.2 MP camera will retail for about \$665 (from \$US 500) when it launches in September.



Cyber-shot DSC-P150

Earlier this year, Kaleidescape (www.kaleidescape.com) announced the release of a multimedia streaming system that can turn your home into a multiplex and houses up to 400 DVDs. How to fill your DVD jukebox? Kaleidescape's solution is its recently announced Kaleidescape Collections, which include 42



to 191 DVDs each, organized around certain themes: all of the Academy Award Winners for Best Picture from 1930 to 2003; a selection of 150 must-have movies determined by a team of respected film critics; 191 titles

from Criterion, which is known for the high quality of features and commentary that is used to supplement its DVD releases; and the Superbit Series of 42-titles that incorporate the highest-bandwidth video and audio DVD encoding. Like the Kaleidescape hardware, the collections do not come cheap. The best picture collection, for example, is about \$1,800*.

Kaleidescape Collections

Steels Ave
Tempo Ave
Victoria Park
Finch Ave

PC STORE
3560 VICTORIA
PARK AVE.
T: 416 4921600

2000 COMPUTERS

WWW.NOTEBOOKOUTLET.CA

LAPTOP STORE
E22 PACIFIC MALL
T: 905 4151182
11-8, 7 DAYS

Kennedy Pacific Mall.
E22
Steels Ave.

FUJITSU NOTEBOOKS CLEARANCE @ NOTEBOOK OUTLET.CA

B2610B  Touch Screen, 800MHz ultra-low voltage Pentium III-M, 256MB RAM, 30GB HDD, External Floppy, 56K Modem, Wireless LAN, 10.4" XGA TFT Windows XP Pro. \$1999⁹⁹	P1120  Touch Screen, 800 MHz Crusoe TM5800 processor, 256MB Memory, 30GB HD, External Floppy, 56K Modem, LAN, Wireless LAN, 8.9" WXGA TFT, Windows 2000 Pro \$1799⁹⁹	S7010A  Intel Centrino Processor 1.5GHz, 512MB RAM, 40GB HD, DVD/CD-RW Combo Drive, 56K V.92 Modem, 10/100/Gigabit LAN, 802.11a+b/g 54MB WLAN, 14.1" XGA TFT Display, Windows XP Pro, 3-year Warranty \$2599⁹⁹	N5010  Intel P4 2.8GHz, 512MB DDR RAM, 40GB HD, DVD/CD-RW Combo, 56K Modem, 10/100 LAN, 54MB WLAN (802.11b+a+b/g), 16" Crystal View SXGA+ TFT 1400X1050 \$2499⁹⁹	P5020D  Ultra Low Voltage Mobile Intel Pentium M processor 1GHz, 256MB RAM, 40G Harddisk, DVD-CDRW Combo Drive, 56K Modem, LAN, Wireless LAN (802.11g), 10.6" XGA TFT LCD, Windows XP \$2299⁹⁹
T3010D  Pentium M Processor 1.4GHz, 256MB RAM, 40G Harddisk, 56K Modem, LAN, Wireless LAN (802.11g), 12.1" XGA Display with Active Digitizer, Windows XP Tablet \$2399⁹⁹	C2310  INTEL Pentium M 1.6GHz, 512MB RAM, 40G HD, DVD-CDRW Combo, Floppy Drive, LAN, 802.11b/g/54g Wireless LAN, 15" CRYSTAL TFT Screen, Windows XP Home \$1899⁹⁹	E2010  INTEL Pentium 4 M 2, 256MB RAM, 30G HD, DVD-CDRW COMBO, Floppy Drive, LAN, MODEM, 14" TFT Screen, Windows XP PRO \$1799⁹⁹	S2020A  Low-voltage mobile AMD Athlon XP-M 2100+, 256MB RAM, 30G HD, DVD-CDRW Combo Drive, 56K Modem, 10/100 LAN, 13.3" XGA TFT, ATI Radeon 32M Video, Windows XP Home. \$1699⁹⁹	S6210D  Intel Centrino 1.6GHz, 512MB RAM, 40GB HD, DVD/CD-RW Combo, 56K Modem, 10/100 LAN, 802.11g 54Mb WLAN, 13.3" Crystal Screen Windows XP \$2099⁹⁹

LG - LG - LG NOTEBOOKS NEW @ NOTEBOOKOUTLET.CA

LG XNote LS50  Intel Centrino 1.5GHz, 512MB RAM, 40G Harddisk, DVD/CD-RW Combo Drive, 56K V.92 Modem, 10/100 LAN, 802.11b/g 54MB WLAN, 15" XGA TFT Display, Windows XP Home \$1999⁹⁹	LG XNote LM40  Intel Centrino 1.5GHz, 512MB RAM, 40G Harddisk, DVD/CD-RW Combo Drive, 56K V.92 Modem, 10/100 LAN, 802.11b/g 54MB WLAN, 14.1" XGA Display, ATI Radeon 9200 Video, Windows XP Professional, 3-year Warranty \$2699⁹⁹	LG XNote LS50  Intel Centrino 1.6GHz, 512MB RAM, 60GB Harddisk, DVD Burner, 56K V.92 Modem, 10/100 LAN, 802.11b/g 54MB WLAN, 15" SXGA+ (1400x1050) Display, ATI Radeon 9200 Video, Windows XP Professional \$2759⁹⁹	LG XNote Lt20  Ultra Portable - Only 3.5lbs, Intel Centrino 1.5GHz, 256MB RAM 40GB Harddisk, 56K V.92 Modem, 10/100 LAN, 802.11b WLAN, 12.1" XGA TFT Display, Windows XP TABLET. \$2699⁹⁹	LG XNote LS50  Intel Centrino 1.6GHz, 512MB RAM, 60GB Harddisk, DVD-CDRW COMBO, 56K V.92 Modem, 10/100 LAN, 802.11b/g 54MB WLAN, 15" SXGA+ (1400x1050) Display, ATI Radeon 9200 Video, Windows XP Professional \$2499⁹⁹
Acer TravelMate TM291LCI  Intel Pentium-M 1.40GHz, 512MB RAM, 40GB HD, DVD/CD-RW Combo, 56K V.92 Modem, 10/100 LAN, 15.0" XGA Screen, Windows XP Home \$1699⁹⁹	Acer TravelMate TM2502LM  Intel Pentium-4 3.0GHz with HT Technology, 512MB RAM, 40GB HD, DVD+/-RW Burner, 56K V.92 Modem, 10/100 LAN, 15.0" XGA TFT Display, ATI Radeon 9000 64M Video, Windows XP Home \$1899⁹⁹	Acer Aspire AS2012WLCi  Intel Centrino Processor 1.5GHz, 512MB RAM, 40GB HD, DVD/CD-RW Combo Drive, 56K V.92 Modem, 10/100 LAN, 802.11b/g 54M WLAN, 15.4" WXGA (1280x800) Display, Windows XP Home \$1799⁹⁹	Acer Aspire 1355LC  Mobile AMD Athlon XP-M 2600+, 512MB RAM, 30GB HD, DVD/CD-RW Combo, 56K V.92 Modem, 10/100 LAN, 802.11b WLAN, 15.0" XGA Screen, Windows XP Home \$1399⁹⁹	Acer Ferrari 3200  Low-power mobile AMD Athlon 64 processor 2800+, 512MB RAM, 80GB Harddisk, DVD-RW+RW-RAM Drive, 56K V.92 Modem, 10/100/Gigabit LAN, 15.0" SXGA+ (1400x1050) TFT LCD, Bluetooth, Windows XP Professional \$2699⁹⁹

HP/ COMPAQ/ TOSHIBA/ SONY/ IBM @ NOTEBOOKOUTLET.CA

Compaq Tablet PC TC1000  Touch Screen, 1 GHz Crusoe 5800 Processor, 256MB RAM, 30GB HD, 56K V.92 Modem, 10/100 LAN, 10.4" TFT Touch Screen, GeForce2 GO 16MB Video, Windows XP Tablet. \$1899⁹⁹	Compaq Presario R3060CA  Intel Pentium4 2.6GHz, 512MB DDR RAM, 60GB HD, DVD-CRW Combo, 56K LAN, 802.11G WLAN, 15.4" WXGA TFT, Window XP Home \$1699⁹⁹	COMPAQ EVO N620C  Pentium M Processor 1.6GHz, 512MB RAM, 60G HD, DVD-CRW Combo Drive, 56K Modem, Gigabit LAN, 14.1" SXGA TFT Display, Windows XP Professional, (1400X1050) \$2099⁹⁹	Compaq NC4000  Only 3.5 LBS, Pentium M-1.4G, 256MB RAM, 40G HD 5400rpm, 56K V.92 Modem, Gigabit LAN, 12.1" TFT XGA Screen, Windows XP Pro, 3-year warranty, Free external DVD/CD-RW slim combo drive \$2099⁹⁹	EVO N800C  Mobile P-4 2.0GHz, 256MB RAM, 40GB HD, CD-RW, 56K V.92 Modem, 10/100 LAN, 15" SXGA TFT Screen, ATI Mobility Radeon 7500, Windows XP Pro \$1699⁹⁹
SONY VAIO V505  INTEL CENTRINO 1.4GHz, 512MB RAM, 40GB HD, DVD-CDRW, 56K V.92 Modem, 10/100 LAN, WIRELESS 12.1" XGA TFT Screen 4.3 LBS ONLY WIN XP HOME \$2299⁹⁹	SONY VAIO GRX 600K  Intel P-4M 2.0GHz, 512MB RAM, 30GB HD, DVD-CDRW, 56K V.92 Modem, 10/100 LAN, 16.1" SXGA TFT Screen (1280X1024) WIN 2000 PRO \$2399⁹⁹	SONY VAIO GRS 700K  Intel P-4M 2.0GHz, 512MB RAM, 40GB HD, DVDRW, 56K V.92 Modem, 10/100 LAN, 14.1" XGA TFT Screen WIN 2000 PRO \$2099⁹⁹	TOSHIBA A 70  Intel P-4 3.06GHz, 512MB RAM, 60GB HD, DVD-CDRW, 56K V.92 Modem, 10/100 LAN, 15.4" WXGA TFT Screen, ATI Mobility Radeon9000, WIRELESS G Windows XP HOME \$1799⁹⁹	IBM THINKPAD T41  Intel Centrino Processor 1.4GHz, 256MB RAM, 40GB HD, DVD/CD-RW Combo Drive, 56K V.92 Modem, Gigabit LAN, 802.11b WLAN, 14.1" XGA TFT Screen, 32MB ATI Radeon 7500, Windows XP Pro \$1999⁹⁹

4 IN 1 DIGITAL CAMERA  8MB RAM 640X480 \$29.99 DIGITAL COMBO MINI PHOTO PRINTER 3.1 MEGA PIXEL DIGITAL CAM ONLY \$299.99	LOWEST P4  INTEL P4 24G (1MB, NOT CELERON) ASROCK (ASUS OEM) MB 256MB DDRAM 20GB HD ATA100 52X CDROM 32MB AGP VIDEO 1.44 FLOPPY 3D SOUND 10/100M ETHERNET P4 ATX CASE/300W \$399	ADVANCE AMD XP 2500 (BARTON 333MHZ, 512KB)  256MB DDRAM 40GB HD 7200 16XDVD ROM 64MB DDR VIDEO 1.44 FLOPPY 5.1 3D SOUND 10/100 ETHERNET P4 ATX CASE/300W WINDOWS KB WHEEL MOUSE STEREO SPEAKER \$899	BEST BUY INTEL P4 2.8GHZ (1MB L2 CACHE)  256MB DDRAM 80GB HD 7200 16XDVD ROM 64MB DDR 8XAGP VIDEO 1.44 FLOPPY 5.1 3D SOUND 10/100 ETHERNET P4 ATX CASE/300W WINDOWS KB WHEEL MOUSE STEREO SPEAKER \$999	SUPER FAST AMD XP 3000 (BARTON 333MHZ, 512KB)  512MB DDRAM 120GB HD 7200 52X24X52 CDRW 16XDVD ROM ATI RADEON 9200 128MB VIDEO/TV OUT/DVI 5.1 3D SOUND 10/100 ETHERNET P4 ATX CASE/300W WINDOWS KB WHEEL MOUSE 600W SUBWOOFER \$1299	NEXT CENTURY INTEL P4 3.0GHZ (FSB 800MHZ, 1 MB)  512MB DDR400 160GB HD 7200 8X DVD BURNER/CDRW 16XDVD ROM GEFORCE Fx5500 256MB VIDEO/TV OUT 5.1 3D SOUND 10/100 ETHERNET P4 ATX CASE/300W INTERNET KB OPTICAL MOUSE Included 1000W SUBWOOFER \$1499
--	---	--	---	--	--

Cutting the cord with Canada's first wireless TV

A common dilemma among Canadian males each spring—how to watch NHL playoff games while barbequing outside at the same time—may soon be resolved thanks to a new television technology. The latest AQUOS LCD TV from Sharp Electronics was Canada's first wireless television when it debuted earlier this year.

Users simply plug a source into a stand-alone base station (included) such as a cable box, satellite dish receiver or DVD player and the audio and video signal then beams to the 15-inch television anywhere in or around the house.

It is the first TV to use Wi-Fi technology (802.11b wireless standard), therefore the signal will trans-



mit up to 100 feet or so, and through walls and floors.

The television can hold its battery charge for roughly three hours, plus its lightweight design, built-in carrying handle and table stand make it a cinch to move around. Stereo speakers are also built into the unit.

But consumers will have to pay for this convenience – the unit will retail for about \$2500.

Sharp says the Wireless AQUOS is perfect for outdoor viewing because of its low light reflectivity.

Ready for prime time?

Sharp's AQUOS line, which debuted in late 2001, currently holds a 50 percent market share in Canada among all flat-panel LCD TVs. Not a bad place to be, considering the fact that sales of liquid crystal display televisions are on the rise. According to Carmine Cinerari, Assistant Vice President, Sharp Canada, approximately 45,000 flat-panel televisions (LCD or plasma) were sold in Canada in 2003, up from 10,300 in 2002. Forecasts call for roughly 100,000 units for 2004 and twice that for 2005. Even the demand for the Wireless AQUOS, which is considerably more expensive than comparative 15-inch LCD televisions (usually less than \$1000), is higher than Sharp expected. "Our sales expectations are never huge for a new, premium technology, but in fact, we have more orders than we have product right now" says Cinerari.

By year-end, Sharp hopes its Wireless AQUOS will account for ten to 15 percent of all of its LCD television sales.

CANADIAN WEB HOSTING

www.canadianwebhosting.com

One Year Signup & Get Second Year FREE!

Sign up first year with Promotion Code and get second year free

Promotion Code **
hub0031

Spam & Virus Email Filters
30 days Money back Guarantee
All Prices in Canadian Dollars

Site Builder Creation Tool
Choose from 10,000 professional templates

BASIC PLAN

- ▶ Cpanel Control Panel
- ▶ 100 Meg storage
- ▶ 5 GB transfer/month
- ▶ 10 Email Accounts
- ▶ 5 MySQL
- ▶ No Setup Fee

Taxes included **\$4.95***
/month

STARTER PLAN

- ▶ CPanel Control Panel
- ▶ 500 Meg storage
- ▶ 20 GB transfer/month
- ▶ Unlimited Email Accounts
- ▶ Unlimited MySQL
- ▶ No Setup Fee

Taxes included **\$9.95***
/month

WINDOWS PLAN

- ▶ HELM Control Panel
- ▶ 500 Meg storage
- ▶ 20 GB transfer/month
- ▶ 10 Email Accounts
- ▶ DSN/MSSQL Server
- ▶ ASP/ASP.NET

Taxes included **\$26.95***
/month

* All prices based on Yearly Plan.

** Put Promotion Code in Notes section.

40006324



CANADIAN WEB HOSTING CANADA

Toll Free
1 - 888 - 821 - 7888

www.canadianwebhosting.com

Cutting the cord with Canada's first wireless TV...

The test drive

I spent a solid week playing around with the Wireless AQUOS. It was a lot easier to set up than I envisioned it would be. Instead of screwing the coaxial cable from the wall into the base station, I chose to use the bundled RCA cords (the familiar red, yellow and white composite cables) as an output to our main television in the family room. Therefore, whatever is seen on our big screen TV was wirelessly transmitted to the portable unit. Within seconds of turning on the AQUOS for the first time, a bright picture beamed across the screen. No configuration was required, a welcome treat, considering the process is much more difficult when setting up a PC-based Wi-Fi network in the home. Location tests were a success; the unit worked close to 150 feet

away from the base station with no noticeable loss in quality. But every once in a while there was a slight video "stutter" in the signal, but it didn't detract from the overall experience much. Perhaps if Sharp went with the faster 802.11g technology [54mbps] instead of the 802.11b standard [11 mbps], there wouldn't be any hiccups in the reception.

Time will tell if early adopters will spend \$2500 on a small 15-inch monitor, but there's one thing for certain—it's quite a looker. More info is at sharp.ca.

By Marc Saltzman

CanadaSys (Retail) EverChannel (Dealers) Business hours Monday -- Friday : 11am -- 7pm Saturday: 11 -- 6; Sunday: Closed	North York Lawrence Dufferin 789 Lawrence West Tel : (416) 781-7738	Scarborough Lawrence Brimley 2931 Lawrence East Tel : (416) 269-7738	Richmond Hill Leslie Hwy 7 E. Unit 103 (Facing Hwy 7) 550 Hwy 7 East Tel : (905) 709-5799	Markham 404 Warden Steels Ave Coming Soon
---	--	---	---	--

For more saving & options visit www.CanadaSys.com

Duron 1800 \$299
AMD XP 2400 \$329
AMD XP 2600 \$355
 ASRock K7S41GX Board
 128M DDR Memory
 Video Card on board
 40G 7200r HD / Floppy
 ATX P4 Case / CDRW
 Sound / Lan on board
 56K Modem / KeyBoard
 Scroll mouse / Speaker

AMD XP 2400 \$429
AMD XP 2600 \$455
AMD XP 2800 \$495
 Asus A7V8XX Board
 256M DDR Memory
 ATI R7000 64M Video
 80G 7200r HD / Floppy
 ATX Case / Sound & Lan
 LG 52X CD Writer
 56K Modem / Scroll mouse
 Keyboard / Speaker

Celeron 2.4G \$345
Intel P4 1.9G \$399
Intel P4 2.8G \$469
 Asus P4VP-MX Board
 128M DDR Memory
 Video Card on board
 40G 7200r HD / Floppy
 ATX P4 Case / CDRW
 Sound / Lan on board
 56K Modem / KeyBoard
 Scroll mouse / Speaker

Celeron 2.4G \$429
P4-2.4G(533) \$495
P4-2.8G(800) \$565
 ASRock P4V78 Board
 256M DDR Memory
 ATI R7000 64M Video Card
 80G 7200r HD / Floppy
 ATX Case / Sound & Lan
 LG 52X CD Writer
 56K Modem / Scroll mouse
 Keyboard / Speaker

P4 2.8G(800) \$725
P4 3.0G(800) \$785
P4 3.2G(800) \$855
 Asus P4S800 Mainboard
 512M DDR400 Memory
 ATI R9200SE 128M Video
 80G 7200r HD/1.44M FD
 ATX Case/ 52X CD Writer
 Sound & Lan / 16X DVD
 KeyBoard/ mouse/ Modem
 Altec Lansing Subwoofer

P4 2.8G(800) \$959
P4 3.0G(800) \$1019
P4 3.2G(800) \$1089
 Asus P4P800SE Mainboard
 OCZ 512M Dual Channel
 ATI Radeon 9600 256M
 120G SATA HD/1.44M FD
 ATX Case/ Sound & Lan
 LG 4082 8x DVD Burner
 Modem/KeyBoard / mouse
 Altec Lansing Subwoofer

Laptops



Asus A2H
Celeron-2.4G \$1099
Intel P4-2.8G \$1229
 15" XGA / 256M DDR
 8M Buffer 40G HD
 DVD & CDRW Combo

Acer AS2001LCI
Centrino-1.4G \$1739
 15.4" WXGA / 512M DDR
ATI Radeon 9200 64M
 8M Buffer 40G HD
 DVD & CDRW Combo
 802.11 Wireless Lan
 Windows XP Home

Asus Z9000
Centrino-1.5G \$1459
 15" / 512M / 40G 8M HD
ATI R9100 (128M Shared)
 DVD & CDRW Combo Drive
 Built-in Wireless-B/G Lan

Asus M6BN
Centrino-1.5G \$1729
 15.4" Wide Screen / 512M
ATI Radeon 9600 Pro 64M
 40G 8M HD/ Wireless G Lan
 DVD & CDRW Combo

Asus L5GA
P4-2.8G(800) \$1849
P4-3.0G(800) \$1909
P4-3.2G(800) \$1979
 15" SXGA / 512M DDR
 8M Buffer 40G Hard Drive
ATI R9600 Pro 128M Video
 DVD & CDRW Combo

For more saving & options visit www.CanadaSys.com

Video Cards VideoMate TV card.....\$53 ATI Radeon 7000 64M.....\$45 9200SE 128M.....\$61 9600 256M.....\$139 9600XT 256M.....\$229 9800Pro 128M.....\$289 9800XT 256M.....\$539 All-in-W R9600 128M.....\$247 All-in-W R9600XT 128M...\$349 All-in-W R9800Pro 128M...\$469 MSI Geforce 4 FX5200 128M.....\$88 TV@nywhere master...\$69 GPU P4-2.4 / 2.8 (533).....\$165 / 229 P4-2.8 / 3.0 (800).....\$237 / 299 AMD 2400/ 2800.....\$ 99 / 165 Memory (DDR400) 256M / 512M\$ 57 / 109 OCZ 512M Dual Channel...\$145	DVD & CD Re-Writers LG 52X CDRW.....\$19 DVD / CDRW / Combo LG / Sony 16XDVD.....\$29 LG 52X CD Writer.....\$33 LG 52XCDRW/16XDVD.....\$58 52XExternal CDRW.....\$89 DVD Re-Writers LG 8X (4081: 8x+/4x-).....\$80 LG 8X (4082: 8x+/).....\$89 Pioneer 8x(107D: 8x+/)\$119 Hard Drives IDE / 7200rpm 40 / 80 / 120G.....\$68 / 78 / 103 80 / 120G (8M).....\$87/ 123 160 / 200G (8M).....\$126 / 154 SATA (8M) 80 / 120G (7200r)...\$103 / 132 36 /74G (10,000r)...\$151 / 314 USB 2.0 Enclosure For 3.5" HD / CDRW.....\$37 For 2.5" Laptop HD.....\$18 IDE HD Mobile Rack.....\$13	Mother Boards AMD CPUs : ASRock K7S41GX(w/Video)...\$59 Asus A7V8XX/ A7N8XX...\$74/ 90 Asus A7V8X-MX(w/Video).....\$77 Asus K8V Dlx(Athlon 64)...\$189 MSI K8T FSR(Athlon 64)...\$134 Intel CPUs : Asus P4VP-MX(w / Video)....\$66 Asus P4V8XX.....\$78 Asus P4S800/ P4P800...\$89/133 Asus P4P800S.....\$108 ASRock P4V78.....\$70 Case / Power Supply ATX P4 Case.....\$28 Godzilla Gaming Case.....\$62 Antec Gaming Case Anata...\$149 350W Power Supply.....\$17 500W Power supply(3-Fan)...\$45 ThermalTake 480W power...\$96 Modem 56K Generic.....\$12	Monitors CRT Monitors: 17" AOC True Flat.....\$145 17" Ben-Q True Flat...\$137 17" Samsung 753DF...\$155 19" AOC True Flat.....\$229 19" Samsung 955D Beige / silver Black...\$235/249 LCD Monitors: 13.3" Sceptre.....\$299 15" Direction(w/spk)...\$375 15" AOC/ BenQ.....\$389 17" BenQ LCD.....\$483 17" Samsung LCD...\$499 19" Acer LCD.....\$759 19" Sceptre.....\$739 17" LCD & TV.....\$549 DVD / CD Media 50pcs Blank CD.....\$14 100pcs Blank CD.....\$27 25pcs DVD Media(4x)...\$14 50pcs DVD Media(4x)...\$29 25pcs DVD Media(4x+)...\$35	Network/ Firewire Network card Generic PCI NIC.....\$9 Linksys USB NIC.....\$18 InexQ Wireless NIC 802.11B PCMCIA...\$25 802.11B PCI.....\$29 802.11G PCMCIA...\$47 802.11G PCI.....\$49 Routers InexQ 4-port\$29 InexQ Wireless w/ USB...\$66 D-link 4-port DI-604...\$44 D-Link Xtreme G Wireless PCI NIC (G520).....\$69 PCMCIA NIC(G650)...\$68 4-port Router DI-624...\$107 Firewire / USB Card 3+1 port Firewire card...\$19 4-port USB 2.0 card.....\$14 Prices already 4% cash discounted & subject to change without notice
--	--	--	---	--

Two for the road

Like the film camera before it, the digital camera has almost become a standard vacation accessory—whether you're traveling to new places or heading to the cabin for a couple of weeks. For those who want the instant gratification of prints, or who don't want their photos to be limited by the size of their memory cards, there are a couple of road-friendly tools that can enhance the photography experience. Recently, we had a chance to look at a portable hard drive and case designed for digital photographers and a dye-sublimation printer.

Portable photo storage

Two recent trends in digital photography—consumer cameras creeping into the 8 MP range and manufacturers no longer bundling memory cards with higher-end models—have created a dilemma for buyers who plan to take their camera when they travel: invest hundreds of dollars in memory cards that may only be compatible with that camera or look for a compact, high-capacity device that allows them to offload images on the go?

Mediasonic is banking on consumers looking for the latter with its X's Drive Pro Image Tank. The device is comprised of a case and hard drive — the buyer can choose a 20 GB to 60 GB drive or install their own. It has a 2-inch

monochromatic LCD, navigation buttons on the top, and slots for memory cards (CompactFlash, microdrive, SmartMedia, MemoryStick, Secure Digital, MultiMediaCard, and xD) on the side.

X's Drive Pro Image Tank
Mediasonic, www.mediasonic.ca
Case price: \$200 (case);
Hard drive price: \$350 (20 GB); \$360 (30 GB); \$410 (40 GB); \$470 (60 GB)

Dye-sub printers, photo banks help digital shutterbugs travel light(er)

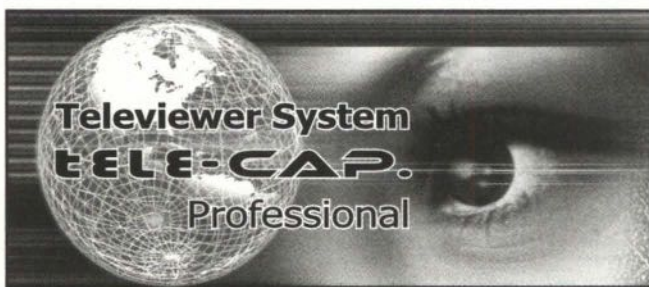
On one end are the USB port, AC adapter jack, and a jack for earphones (it can also be used as a slightly bulky MP3 player). It weighs 329 g (with drive installed), is 13.6x8.6x3.7 cm, and comes with a carrying case, driver CD, earphones, and AC adapter.

Transferring photos to the Image Tank was as simple as turning it on, inserting the camera's memory card, hitting the Copy button, then selecting OK once copying was complete.

It connects to computers (Windows and Mac systems) via a USB 2.0 cable, which can also be used to connect directly to printers capable of PC-free printing. We hooked it up to Epson's Photo Stylus RX600 and easily created index sheets and prints from shots stored on the Image Tank drive.

It's powered by an internal rechargeable Lithium Ion battery, which Mediasonic says runs for two hours on a charge.

At between \$11 and \$27 per gigabyte of storage (based on using Mediasonic drives), it compares favorably to purchasing high-capacity media cards. Of course, memory cards are far more compact and don't require the extra step of downloading, but if you take a lot of shots and have some room in your camera bag, the Image Tank is worth considering.



Watch your computer TV Tuner anytime, anywhere over the Internet.

- View DVD quality video using a broadband connection to the Internet (Cable, ADSL, WiFi)
- 128 bit encryption for unparalleled security and privacy.
- Enjoy fluid, smooth video and CD quality sound.
- Record your TV program to your Hard Drive, 1GB of disk space provides up to 22 hrs recording time.
- Change channels and adjust the picture quality.

Enjoy the unlimited possibilities of

TELE-CAP.

To find out more, visit us at www.tvsys.com

604 821-1773

Dealer's inquiries welcomed.

40009024

JM Computers 416-398-2733

830A Sheppard Ave. West ***Free 50pcs CDR w/CDRW Package***
www.jmcomputers.ca Mon~Fri: 10:00~19:30 Sat~Sun: 10:00~17:00

AMD XP2000+ \$319 ASRock K7S41GX MB Video Audio Lan on Board 256MB DDR Brand RAM 40GB 7200 HDD 52x CDROM / 1.44 FDD PS/2 Keyboard Mouse / SPK ATX 400W Case USB2 @ Front	AMD XP2500+ \$519 Asus A7N8XX MainBoard 256MB DDR Brand RAM ATI Radeon9200 128MB 80GB 7200 HDD 1.44 FDD / Speaker LG 52x32x52xCDRW*** PS/2 Keyboard Mouse ATX 400W Case USB2 @ Front	Athlon 64 3000+ \$969 Asus K8V SATA MainBoard 512MB DDR400 Brand RAM ATI Radeon9600 256MB 120GB SATA 8M HDD 8x DVD RW Writer Drive PS/2 Keyboard Mouse ATX 450W Case USB2 @ Front
AMD XP2400+ \$345 ASRock GEPro-M2 MB 256MB DDR Brand RAM Video Audio Lan on Board 40GB 7200 HDD 1.44 FDD / Speaker LG 52x CD Rom PS/2 Keyboard Mouse ATX 400W Case USB2@Front	AMD XP2800+ \$579 Asus P4 MX MainBoard 256MB DDR Brand RAM Video Audio Lan on Board 40GB 7200 HDD/1.44 FDD 1.44 FDD / Speaker LG 52x32x52 CDRW*** / Speaker PS/2 Keyboard Mouse ATX 400W Case USB2 @ Front	Athlon 64 3200+ \$1039 Asus P4R800-VM MainBoard 256MB DDR Brand RAM ATI Radeon 9100IGP 80GB 7200 HDD 1.44 FDD / Speaker LG 52x32x52 CDRW*** PS/2 Keyboard Mouse ATX 400W Case USB2 @ Front
Intel Ce 2.4G \$329 P4 2.4G 1MB Cache \$409	P4 2.4G 1MB Cache \$459 P4 2.8G 1MB Cache \$509	P4 2.8E Prescott \$589 P4 3.0E Prescott \$649
P4 2.8E Prescott \$719 Asus P4S800 MB 512MB DDR400 Brand RAM ATI Radeon9200 128MB 120GB 7200 8M HDD 1.44 FDD / Speaker LG 52x32x52 CDRW*** PS/2 Keyboard Mouse ATX 450W Case USB2 @ Front	P4 3.0E Prescott \$779 Asus P4S800 MB 512MB DDR400 Brand RAM ATI Radeon9200 128MB 120GB 7200 8M HDD 1.44 FDD / Speaker LG 52x32x52 CDRW*** PS/2 Keyboard Mouse ATX 450W Case USB2 @ Front	P4 3.0E Prescott \$999 P4 3.2E Prescott \$1079 Asus P4P800SE MainBoard Dual Channel 512MB DDR ATI Radeon 9600 256MB 160GB 7200 HDD 1.44 FDD / Speake 8x +/- DVD Writer Driver PS/2 Keyboard Mouse ATX 450W Case USB2 @ Front

Cisco Training

WinNET Produced 84 CCIEs



Tejas Suthar
CCIE # 8423, Telus



Ravi Chandran
CCIE # 8671, Telus



Shane Lal
CCIE # 10214, ICS



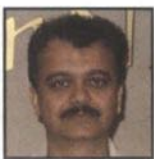
Terence Summerville
CCIE # 8927, Infostream



Virgilio Santos
CCIE # 9454, Bell Canada



Oswald Fernandes
CCIE # 9753, Bell Canada



Darryl Coelho
CCIE # 11992, Bell Canada



S. Kanagasundarajah
CCIE # 12417



Nigel Maharaj
CCIE # 9916, IBM Global Service



Hans Ma
CCIE # 10424, CAA



Kamran Adil
CCIE # 10373, Bell Nexia



Edwin Lukach
CCIE # 11263



Usman Mahmood
CCIE # 9900, Next Innovation



Giuseppe Giorgio
CCIE # 10422, Next Innovation



Hankeeran Somasundaram
CCIE # 11904, Stargate



Kaushik Narayanan
CCIE # 12087, Telus



Edward Rajca
CCIE # 11112



Garry Low
CCIE # 11433



Raj Thava
CCIE # 10425, Telus



Ganesh Shanmugalingam
CCIE # 10662, AT & T



Ahmed Khan
CCIE # 11146



Nadeem Akbar
CCIE # 11610



Fouzan Siddiqui
CCIE # 11653



Amir Syed
CCIE # 12249



Craig Henriques
CCIE # 11180, Network Builder



Sunil Soporio
CCIE # 11942



Syed Mukhtar
CCIE # 11513



Sarwar Jamal
CCIE # 11562, Bell Canada



Zar Staroselski
CCIE # 11575, Telus



Snezhly Neshkova
CCIE # 11931, Cisco



Vimal Narthacumar
CCIE # 12029, Telus



Muhammad Shakil
CCIE # 12143



John Lilek
CCIE # 11517



Andre Julien
CCIE # 12142, Telus



Imran Tauqir
CCIE # 12172, CGI



Abu Uddin
CCIE # 12158, Outsource IT



Ketan Paralkar
CCIE # 12179, Bell Canada



Mahtab Alam
CCIE # 12171, CompuGen



Haroon Shefaat
CCIE # 12088, EDS



Santosh Koshy
CCIE # 12028, BT

More CCIEs:

-- Names and Numbers --

- Lili Zhao, CCIE # 10252
- Mehrdad Mostafaei, CCIE # 10383
- Sarunathy Vijayakumar, CCIE # 10385
- Muhammad Asmir, CCIE # 11429
- Hamik Dhillon, CCIE # 11839
- Felix Tribb, CCIE # 11994
- Lawrence Imelsh, CCIE # 12000

CCNA

\$399

CCIE Theory / Lab

CCIE Bootcamp

BGP / ATM / Wireless

CCNP Module

\$599

CCSP - PIX / VPN / IDS

CCIP - QOS / MPLS

VOICE / IP Telephony



The courses are designed by
HARITH

Triple CCIE - SP, Security & R/S
B.Sc. Eng., MIBM, CNE, MCSE, CCNP, CCDP, Cisco Security
Specialist & Cisco Voice Specialist, MS Certified Trainer

WinNET SYSTEMS
HI-TECH TRAINING & CONSULTING

Visit the best CISCO lab in Toronto

- Over 300 Cisco Routers - 7500, 4500, 3600, 2600 & 2500
- ATM Switch, Catalyst 3550 and Pix Firewall
- ISDN lines, ADSL Line & Frame Relay Circuit
- Catalyst 5500, 5000 & 2900 Switches
- 20 CCIE pods, each includes 9 routers & 2 switches (3550)

TORONTO
1200 Eglinton Ave. East, Suite 100, Toronto
(Don Mills & Eglinton)

Tel: 416.447.TEST (8378)
www.winnet.ca

Two for the road...

Dye-sublimation printers

When it comes to DIY photo printing, inkjets are now a standard tool but few measure up as traveling companions. A relatively new category of printers that use dye sublimation technology are better suited for those who want to create (relatively) instant, high-quality photo prints even when they are not at home. Though they'd be a tight squeeze for a backpacking adventure, many of these new printers are designed for portability and PC-free printing.

Olympus' entry in this category is the compact P-10. Like other dye-sublimation printers, it requires special paper and uses a cartridge that houses the dye and a ribbon. The paper and replacement cartridges are sold together in packs.

While the P-10 features a USB connector for hooking up to your computer, it has a USB port on the front for printing directly from a digital camera (from Olympus or other PictBridge-compatible cameras). Just use the camera's menu system to specify the photos you want to print, plug in, and away you go.

We used Olympus' Stylus 410 camera for our tests, which worked seamlessly with the P-10. As soon as we attached the USB cable, the print menu popped up on the camera's LCD and we started printing within seconds. We were also able to print directly from the Canon PowerShot Pro1. The KonicaMinolta Dimage A2 and Nikon Coolpix 8700 also worked after a quick adjustment in the cameras' settings to change them from mass storage to PictBridge mode.

The P-10 prints borderless 4x6-inch photos that look like they were produced by a professional photofinisher.

By Megan Johnston
(Olympus P-10 review by Sean Carruthers)

Olympus P-10
www.olympus.com
Estimated price (printer): \$299
Estimated price (paper/cartridge packs): \$40 (40 pack); \$70 (100 pack)



 <h1>COMPUTER DEPOT</h1> <p>800 DUNDAS ST. EAST MISSISSAUGA, ON. L4Y 2B6 Tel: 905-804-1600 Fax: 905-804-0563 239 Queen Street E. Unit 18-19 BRAMPTON, ON Tel: 905-455-8111 Fax: 905-455-8501 www.computerdepotca.com</p>		 <p>MISSISSAUGA Dundas St. East Kerrisdale Rd BRAMPTON Queen Street</p>		<h2>WE NOW CARRY ELECTRONIC TEST EQUIPMENT, PLEASE CALL FOR DETAILS</h2>	
 Motorola Wireless Kit Gateway, USB & PCMCIA adapter \$59	 3.1M Digital Camera camcorder & webcam \$139	 50 spindle blank DVD-R \$24.99/each	 Wireless Keyboard/mouse \$15	 17" Used Monitor \$65 17" Brand new Monitor \$149	
 LG 16x DVD-ROM \$35	 LG 8x DVD+RW \$99	 40Gb Hard drive 72k \$75	 50 spindle 700MB CD-R 80min \$15	 CD/ DVD DUPLICATOR 1+7 DVD \$1399	
 LOGITECH WEBCAM \$29	 \$1299 ECS G550 laptop Intel P4 Cel 4 2.4G Centrino 256MB DDR / 20GB hard drive DVD/CD-RW combo 15" LCD TFT Firewire, USB, TV out AC adapter & battery FREE MINI WEBCAM		 \$399 Intel Pentium Celeron 2.4Ghz Intel chipset 845PE board 256MB DDR / floppy drive 40GB hard drive 7200rpm 64MB 3D video / Sound / Net ATX mid tower case 350W PS/2 Keyboard & mouse Windows XP Home add \$149		 \$549 Intel Pentium 4 2.8Ghz 533 Intel Chipset 845PE mainboard 256MB DDR PC-2100 40GB hard drive 7200rpm 16X DVD-ROM drive / floppy 32MB 3D video, Sound, Network ATX mid tower case 350w PS/2 Keyboard, mouse, speakers
 Value RAM 256 MB DDR \$55 512 MB DDR \$99	Prices are subject to change without notice - 3% already cash discounted				

POCKET YOUR DATA AND GO



From Your Loose Change To Your Pot Of Gold

Available in 1.5* or 20* Gigabyte

- From A Few Songs To Your Whole Beethoven Collection
- From A Sales Presentation To Your Whole Business Portfolio
- From A Few Shots Of Your Vacation To Your Whole Photo Library
- From Your Single Online Gaming Profile To Your Your Entire Collection
- From A Single File To Your Whole Notebook Hard Drive

Tunes To Go



256 MB Mp3 Player and Storage Disk
Enjoy your music in a stylish way!

- Sleek Design
- Play MP3 and WMA Songs
- Carry up to 1000* Songs
- Rechargeable Li-Ion Battery
- Fast USB 2.0

Win An iDrive Come Visit Us @



www.zyberstore.com

*Visit the Website for Detailed Specifications

Gaming to go:

PC manufacturers target mobile players

Computer gamers tethered to their desk can now cut the cord—a number of PC manufacturers are creating laptops specifically designed for mobile players.

These notebook computers—from both “boutique” companies, including Alienware and Voodoo PC, and brand-name manufacturers, such as Dell and HP—are billed as “desktop replacements” with fast processors and sophisticated video cards to render a game’s high-resolution graphics.

Other common features found in these systems include high-end speakers, large displays and multiple options for online connectivity.

“There is a high demand for a mobile gaming solution, especially for those who like to attend multiplayer LAN [local area network] parties” says Nelson Gonzalez, CEO of Alienware. LAN gatherings are typically “B.Y.O.C.” (bring your own computer) events, whereby attendees connect their machines to one another for head-to-head gaming and tournaments.

“Lugging around a 50-pound computer and 50-pound monitor isn’t the most conducive way to show up at a LAN event” adds Gonzalez.

While some PC manufacturers have offered game-oriented desktop computers for a couple of years, the Miami, Fla.-based company says it was the first to cater “souped-up” laptops for gamers in March 2003.

Today, these laptops, including the company’s latest—the Area-51m Extreme [see below] account for close to 30 per cent of the company’s annual sales of approximately \$150 million.

Gonzalez says many of its customers also want a game machine for traveling on planes and for game-play in hotel rooms.



Laptop gaming PCs

The following is a look at four “gaming laptops” available today:

Alienware 51m Extreme
www.alienware.com
Price: \$2,351 to \$3,700, depending on configuration

Dell Inspiron XPS 9100
www.dell4me.com/XPS
Price: \$2,349 to \$4,253, depending on configuration

HP Pavilion zd7000
www.hp.com
Price: \$2,623 to \$3,347, depending on configuration

Voodoo PC envy m:370
www.voodoopc.com
Price: \$2,935 to \$4,400, depending on configuration

MICROPOINT COMPUTERS

THORNHILL
180 STEELES AVE. W. #30
TEL 905-762-9811
Mon-Sun 11:30-7:30
★

Visit us at
www.micropointcomputer.com

RICHMOND HILL
550 HWY 7, EAST, #88
TEL 905-764-5562
Mon-Sun 11:30-7:00
★

<p>\$339</p> <p>CELERON 2.4 Ghz ASROCK GE Pro M2 M/B 256MB DDR RAM 30 GB HDD 7200RPM SIS 64MB VIDEO 52X CD-ROM DRIVE SOUND / LAN / FDD PS/II KB / MOUSE ATX 350W P4 CASE P4-1.8 GHZ +\$69</p>	<p>\$469</p> <p>INTEL P4 2.8 Ghz ECS L4VXAG M/B 256 MB DDR RAM 40 GB HDD 7200 RPM XABRE 64M VIDEO 52X CD-ROM DRIVE SOUND/LAN/KB/Mouse 6-IN-1 CARD READER ATX 350W P4 CASE P-4 3.0 G +\$69</p>	<p>\$499</p> <p>INTEL P4 2.8 Ghz ASUS P4VP-MX M/B 256 MB DDR333 RAM 40 GB HDD 7200RPM 64M 4X VIDEO LG 52X32X52 CD-RW SOUND / LAN / FDD PS/II KB / MOUSE ATX 350W P4 CASE P-4 3.0G +\$69</p>	<p>SPECIAL 1</p> <p>P4 2.8 Ghz \$519 ECS L4VXAG M/B 256 MB DDR333 RAM 80 GB HDD 7200 RPM XABRE 64M VIDEO 8X CDRW+DVD Combo SOUND/LAN/KB/Mouse 6-IN-1 CARD READER ATX 350W P4 CASE 17" Flat Monitor +\$129</p>	<p>\$599</p> <p>P4 2.8 Ghz 800Mhz ASUS P4S800-MX M/B 512MB DDR400 RAM 80 GB HDD 7200 RPM 64MB 4X VIDEO LG 52X32X52 CD-RW SOUND / LAN / FDD KB / MOUSE / SPK ATX 350W P4 CASE P-4 3.0G +\$69</p>	<p>\$679</p> <p>P4 2.8 Ghz 800Mhz ASUS P4S800 M/B 512MB DDR 400 RAM 80 GB HDD 7200RPM RADEON 9200SE 128M CDRW+DVD Combo SOUND / LAN / FDD KB / MOUSE / SPKS ATX 350W P4 CASE P-4 3.0 (800Mhz) +\$69</p>	<p>\$799</p> <p>P4 3.0 Ghz 800Mhz ASUS P4P800S M/B 512MB DDR 400 RAM 120 GB HDD 7200 RPM RADEON 9200SE 128M 8X DVD-/RW DRIVE SOUND / LAN / FDD KB / MOUSE / SPK ATX 350W P4 CASE P-4 3.2 (800Mhz) +\$79</p>
<p>\$329</p> <p>AMD XP 2000+ ASROCK K7S41GX M / B 256 MB DDR RAM 30 GB HDD 7200RPM SIS 64MB VIDEO 52X CD-ROM DRIVE SOUND / LAN / FDD PS/II KB / MOUSE ATX 350W P4 CASE 52X CD-RW +\$19</p>	<p>\$349</p> <p>AMD XP 2400+ ECS KM400-M2 M/B 256 MB DDR RAM 40 GB HDD 7200 RPM 64MB 4X VIDEO 52X CD-ROM DRIVE SOUND / LAN / FDD PS/II KB / MOUSE ATX 350W P4 CASE AMD XP 2500+ +\$19</p>	<p>\$439</p> <p>AMD XP 2500+ ASUS A7V8X-X M/B 256 MB DDR333 RAM 40 GB HDD 7200 RPM Gf2 MX-400 64MB LG 52X32X52 CD-RW SOUND / LAN / FDD PS/II KB / MOUSE ATX 350W P4 CASE AMD XP 2600+ +\$19</p>	<p>SPECIAL 2</p> <p>AMD XP 2500+ \$419 ASUS OEM Mainboard 256 MB DDR RAM 80 GB HDD 7200 RPM 64MB 4X VIDEO CDRW+DVD Combo SOUND / LAN / FDD KB / MOUSE / SPKS ATX 350W P4 CASE 17" Flat Monitor +\$129</p>	<p>\$469</p> <p>AMD XP 2600+ ASUS A7V8X-MX M/B 512 MB DDR333 RAM 80 GB HDD 7200 RPM 64MB 4X VIDEO LG 52X32X52 CD-RW SOUND / LAN / FDD KB / MOUSE / SPKS ATX 350W P4 CASE AMD XP 2800+ +\$49</p>	<p>\$559</p> <p>AMD XP 2600+ ASUS A7N8X-X M/B 512 MB DDR400 RAM 80 GB HDD 7200 RPM RADEON 9200 SE 128M LG 52X32X52 CD-RW SOUND / LAN / FDD KB / MOUSE / SPKS ATX 350W P4 CASE AMD XP 2800+ +\$49</p>	<p>\$889</p> <p>AMD Athlon-64 3000+ ASUS K8V SE DX M/B 512MB DDR 400 RAM 120 GB HDD 7200RPM RADEON 9200 SE 128M 8X DVD-/RW DRIVE SOUND / LAN / FDD KB / MOUSE / SPK ATX 350W P4 CASE Athlon-64 3200+ +\$89</p>

LAPTOP Special

ECS-G550 \$1099
15" TFT / Celeron-M 2.0 G / 256M
DVD+CDRW / 20GB / MODEM / LAN

ECS G736 (800FSB) \$1769
15" TFT / P4-2.8 C / 256M/ATI 128M
DVD+CDRW / 40GB / Wireless Lan
(Upgrade to DVDRW +\$169)

ASUS A2H (A2000H) \$1299
15" TFT / P4-2.8 G / 256M / 40GB
DVD+CDRW / 1394 / PCMCIA

All system parts are upgradeable / Dealers are welcome

<p>ASUS M3N \$1399 14" TFT/P-M 1.5G/256M/64M Video DVD+CDRW / 20GB / Wireless Lan</p> <p>ASUS M6N \$1659 15" TFT / P-M 1.5 G / 512M / 40GB ATI 64M/DVD+CDRW/Wireless Lan CDRW / DVDRW LG 52X24X52 CD-RW \$39 52X24X52X16 CDRW+DVD \$59 LG DVD+-RW 4082B 8X \$89 LG DVD+-RW 4120B 12X \$129 NEC DVD+-RW 2510A 8X \$119 LITEON 8X DVD+-RW \$109</p>	<p>MONITOR</p> <p>MAG 17" FLAT 772U \$139 SAMSUNG 17" 753DF \$159 SAMSUNG 19" 955DF \$259 SAMSUNG 17" LCD 170N \$499 SAMSUNG 17" LCD 713V \$509 SAMSUNG 19" LCD 193S \$709 SAMSUNG 19" LCD 191T+ \$859</p> <p>HARD DRIVE</p> <p>40GB/80GB/120GB \$69/\$85/\$115 160GB/200GB/250G \$159/\$215/\$299 80G/120G/160G 8M \$105/\$129/\$169 200GB/250GB 8M \$229/\$319</p>	<p>VIDEO CARD</p> <p>Gf FX 5200 128MB \$79 Gf FX 5500 128MB \$99 Radeon 9200 SE 128M DDR \$65 Radeon9600 SE 128M DDR \$95 Radeon 9800 SE 128M \$199 ATI all-in-w R900 Pro 64M \$209 ATI all-in-w R9600 128M \$259 ATI all-in-w R9800 Pro 128M \$399</p> <p>NETWORKING</p> <p>10/100 LAN CARD \$9 D-LINK DI-604 ROUTER \$49 4 PORT WIRELESS ROUTER \$75</p>
--	--	--

UPGRADE KITS

AMD ATHLON XP 2000+ CPU
ASROCK K7S41GX MAINBOARD
256 MB DDR MEMORY ----- \$209

AMD ATHLON XP 2400+ CPU
ASUS A7V8X-X MAINBOARD
256 MB DDR333 RAM ----- \$245

INTEL P-4 2.8 GHZ CPU
ASUS P4V8X-X MAINBOARD
256 MB DDR RAM ----- \$369

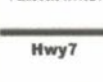
INTEL P-4 2.8 GHZ 800MHZ CPU
ASUS P4S800 MAINBOARD
256MB DDR333 RAM ----- \$389

PC Village

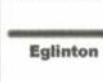
www.pcvillagecanada.com

--Check daily on-line CPU & RAM price, special--

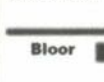
Markham
3229 Hwy 7 E #7
(Hwy7/Woodbine)
Tel: 905.947.1918
Fax: 905.947.1921



North York
2221 Yonge Street
(Yonge/Eglinton)
Tel: 416.322.2221
Fax: 416.322.0227



Toronto
684 Yonge Street
(Yonge/Bloor)
Tel: 416.975.9268
Fax: 416.975.0291



Richmond Hill
#245 - Unit 3
W Beaver Creek Rd.
Tel: 905.889.5468
Fax: 905.889.0663



Scarborough
4820 Sheppard Ave. East
unit #21
Tel: 416.335.8887
Fax: 416.335.3200



SUPER SPECIAL

INTEL P4 CELERON 2.4GB CPU
P4 MB, 256 MB DDR
40GB 7200RPM HDD
52X CD-ROM, 1.44 FLOPPY DRIVE
32M AGP VIDEO CARD(SHARED)
32 BIT SOUND CARD
10/100 NETWORK CARD
ATX MID TOWER CASE
104 KEYBOARD/MOUSE
120W SPEAKERS



\$329

BEST DEAL

INTEL P4-2.4G CPU
P4 MB, 256 MB DDR
40GB 7200RPM HDD
52X CD-ROM, 10/100 NETWORK CARD
32M AGP VIDEO CARD(SHARED)
32BIT SOUND CARD, 1.44 FLOPPY
ATX MID TOWER CASE
104 KEYBOARD/MOUSE
120W SPEAKERS
17" SAMSUNG 750S MONITOR



\$559

NEW RELEASE

AMD XP 2000+ CPU
ASROCK MB, 256M DDR
40GB 7200RPM HDD
52X32X52 CD_RW, 1.44 FLOPPY DRIVE
32M AGP VIDEO CARD(SHARED)
32 BIT SOUND CARD
10/100 NETWORK CARD
600W SPEAKERS WITH SUBWOOFER
ATX MID TOWER WITH 300W POWER SUPPLY
INTERNET KEYBOARD/WHEEL MOUSE

\$369

*** ALL SYSTEMS WITH FIVE YEARS LABOUR & ONE YEAR PARTS WARRANTY ***

DIAMOND SYSTEM

INTEL P4-2.8G CPU(533 FSB)
ASUS P4V8X-X MB
256 MB DDR
80GB 7200RPM HDD, 1.44 FLOPPY
16X DVD/52X24X52 CD_RW COMBO
ATI RADEON9200SE 128M VIDEO CARD
10/100 NETWORK CARD,
32BIT SOUND CARD, ATX MID TOWER
600W SPEAKERS WITH SUBWOOFER
INTERNET KEYBOARD/ WHEEL MOUSE
17" SAMSUNG 753DF FLAT-SCREEN



\$759

MONTHLY SPECIAL

OCZ 512MB DDR-SDRAM \$127
OCZ (512MX2) DUAL CHANNEL DDR \$266
15" BENQ 547 LCD \$385
15" LG 1511S LCD \$389
17" BENQ 737 LCD WITH DVI \$519
17" SAMSUNG 170N LCD \$485
19" SAMSUNG 193S LCD \$688
MAXTOR 40GB 7200RPM HDD \$62
LG 8X DVD±RW (OEM) \$89
IRIVER USB2.0 128M MP3+ PLAYER \$159
SAMSUNG 1740 LASER PRINTER \$192

MAGMA SYSTEM

INTEL P4-3.0C CPU(800 FSB)
ASUS P4P800S MB
OCZ 512 MB DDR
80GB 7200RPM HDD, 1.44 FLOPPY
16X DVD, 52X32X52 CD_RW
ATI RADEON9200SE 128M VIDEO CARD
CREATIVE S.B. LIVE 5.1, 10/100 NETWORK CARD
BRITZ 1100W SPEAKERS WITH SUBWOOFER
ATX MID TOWER WITH P4 POWER SUPPLY
LOGITECH KEYBOARD/OPTICAL WHEEL MOUSE
17" BENQ 737 DIGITAL LCD(16MS)

\$1299

*** ALL PRICE ARE ALREADY 3% CASH DISCOUNTED, PRICE SUBJECT TO CHANGE WITHOUT NOTICE ***



ASUS AUTHORIZED DEALER

ASUS MOTHERBOARD

INTEL CPU	AMD CPU	
P4V8X-X	A7V8X-X	\$75
P4S800	A7V8X-VM	\$78
P4S800-E DX	A7N8X-X	\$88
P4P8X SE	A7N8X-VM	\$107
P4P800 SE	A7N8X	\$109
P4P800S	A7N8X-E DX	\$130
P4P800-E DX	A7V600	\$101
P4P800-VM	A8V DX	\$179
P4R800-VM	K8V	\$134
P4R800-V DX	K8V SE DX	\$155
P4C800 DX	SK8V	\$235
P4C800-E DX	SK8N	\$235



SAMSUNG AUTHORIZED DEALER

WE DO:

SAMSUNG MONITOR

15" 153V LCD	\$397	19" 192MP LCD	\$1099
17" 170N LCD	\$485	19" 1917+ LCD	\$799
17" 173V LCD	\$499	19" 193S LCD	\$699
17" 173S LCD	\$509	19" 193V LCD	\$709
17" 173T LCD	\$569	21" 213T LCD	\$1529
17" 172X LCD	\$679	17" 753DF CRT	\$155
17" 710MP LCD	\$679	17" 750S CRT	\$129
17" 173P LCD	\$779	19" 955DF CRT	\$259
19" 193P LCD	\$959	21" 1200NF CRT	\$619

Mainboard

INTEL D845GVS	\$78
INTEL D865PERL	\$115
ABIT KV8-MAX3	\$187
ASROCK K7S41GX	\$63
ASROCK GE-PRO	\$59
GIGABYTE 8IPE1000P3	\$121
MSI K7N2 DELTA_L	\$83
MSI K7N2 DELTA_ILSR	\$126

Power Supply

ENERMAX	
EG301P-VB-FM 300W	\$43
EG365P-VE-FM 350W	\$65
EG365P-VE-FC 350W	\$69
EG465P-VE-FM 450W	\$99
EG465P-VE-24P 450W	\$99

Video Card

ATI ALL-IN-W 128M R9600	\$225
ATI ALL-IN-W 128M R9600XT	\$282
ATI ALL-IN-W 128M R9800 P	\$433
ATI R7000 64M PCI (O)	\$59
ATI R9200 SE 128M(O)	\$63
ATI R9200 128M(O)	\$87
ATI R9550 128M(O)	\$122
ATI R9600 128M(O)	\$122
ATI R9600 256M (O)	\$135
ATI R9600 XT 128M(O)	\$193
ATI R9600 XT 256M(O)	\$215
ATI R9800 PRO 128M(O)	\$276
ATI R9800 PRO 256M(O)	\$362
ATI X800 PRO 256M(O)	\$561
ATI X800 PRO VIVO 256M	\$615
ASUS V9520 MAGIC 128M	\$97
ASUS V9520 TD 128M	\$114
ASUS V9570 TD 128M	\$205
ASUS V9570 TD 256M	\$234
ASUS R9600XT TD 128M	\$229
ASUS R9800XT TVD 256M	\$557
ASUS TV-FM CARD	\$55
ATI TV WONDER PRO	\$83
ATI TV WONDER VE	\$60

Hard Drive

IDE-HDD	7200 RPM	SERIAL ATA
MAXTOR 30GB	\$75	
40GB	\$64	
80GB	\$75	\$92
120GB	\$99	\$127
160GB	\$135	\$149
200GB	\$159	
W.D.		
40GB	\$67	
40GB (8M)	\$69	
80GB	\$77	
80GB (8M)	\$83	
120GB	\$101	
120GB (8M)	\$109	\$133
160GB (8M)	\$134	\$146
200GB (8M)	\$162	\$175
250GB (8M)	\$255	\$264
SEAGATE		
80GB	\$79	\$95
120GB	\$101	
120GB (8M)	\$114	\$135
160GB	\$139	\$159

Printer

CANON I250	\$59
I560	\$145
I860	\$190
SAMSUNG ML_1740	\$192
ML_1750	\$238
CLP500 COLOR	\$660
EPSON C44	\$65
C64	\$75
C84	\$129
HP LASER 1012	\$269
LASER 1300	\$535

Digital Camera

CANON
SONY
FUJI FILM
OLYMPUS
HP
Check our website

CD/DVD/CD_RW

LG 52X CDROM	\$19
SONY 52X	\$25
LG 16X DVD	\$29
PANASONIC 16X DVD	\$31
SONY 16X DVD	\$37
PIONEER 16X DVD	\$45
AOPEN 52X32X52 CD_RW	\$31
LG 52X32X52 CD_RW	\$32
SONY 52X24X52 CD_RW	\$42
LG 16X DVD/52X24X52 COMBO	\$61
PIONEER DVD±RW A07(R)	\$179
PIONEER DVD±RW 107(O)	\$123
LG DVD±RW 8X 4082B(O)	\$89
LG DVD±RW 12X 4120B(O)	\$129
PLEXTOR DVD±RW 8X (R)	\$197
AOPEN DVD±RW 16X (O)	\$155

Sound Card

32BIT PCI SOUND CARD	\$18
S.B. 128 PCI	\$27
S.B. LIVE 5.1 OEM PCI	\$44
S.B. AUDIGY OEM PCI	\$62
S.B. AUDIGYII OEM PCI	\$99
S.B. AUDIGYII ZS(F)	\$125
S.B. AUDIGYII PLATINUM	\$249

OCZ

OCZ POWERSTREAM 420W	\$134
OCZ POWERSTREAM 470W	\$169
OCZ POWERSTREAM 520W	\$194
OCZ RAM CHECK OUR WEBSITE	

Ethernet

10/100 ETHERNET PCI	\$12
DLINK 10/100 NIC PCI	\$14
3COM 10/100 905C TX NIC	\$59
DLINK 10/100 8PORTS HUB	\$38
DLINK 4 PORTS ROUTER	\$46
DLNK DI-704 ROUTER	\$70
LINKSYS 4 PORT ROUTER	\$66
LINKSYS 8 PORT ROUTER	\$109
LINKSYS 802.11B ROUTER	\$75
LINKSYS 802.11G ROUTER	\$87
LINKSYS 802.11G ROUTER \$112	
LINKSYS 802.11B ADAPTER	\$67
LINKSYS 802.11G ADAPTER	\$77
LINKSYS 802.11G ADAPTER \$91	
USB2+FIREFWARE EXT. BOX	\$79

Upgrade Kit

INTEL CELERON 2.4G ASROCK MB 256MB DDR-SDRAM \$209

P4 2.8C (800FSB) ASUS P4P800S MOTHERBOARD \$349

AMD XP 2000+ CPU ASROCK MB 256MB DDR-SDRAM \$209

40024624

Big boys, too

Following on the heels of its Dimension XPS game desktop, which launched in April 2003, Dell decided to enter the mobile gaming space with the Inspiron XPS.

"We had tremendous success with our desktop gaming system" says Ketan Pandya, Marketing Manager for Consumer Notebooks at Dell in Austin, Tex. "Then we found, through market research and direct customer feedback, that there was a need out there for a powerful mobile gaming solution."

Along with its top-of-the-line components – including an Intel Pentium 4 Extreme Edition processor (running at 3.4 Gigahertz), an ATI Mobility Radeon 9700 graphics card with 128 Megabytes of video RAM, and a 60 Gigabyte hard drive – the Inspiron XPS marks the first time customers could upgrade select components when newer ones become available.

"This is a big step for laptop users" says Pandya. "When a faster video card comes out, for example, we can send a technician to your home or office to install it for you."

The cost for this upgrade is still to be determined, but Pandya assures the new video card and onsite service, when purchased direct through Dell, will be roughly the equivalent as buying the same card at retail



with no installation.

Alienware's gaming laptops are also upgradeable, says Gonzalez, but unlike Dell's mandatory installation process, their consumers can install it themselves. Further, Gonzalez says their solution will be cheaper and less time consuming than onsite installation.

Not for everyone

Notebook computers are not ideal gaming machines, says Bradd Berdelman, General Manager of Falcon Northwest Computers Inc. (www.falcon-nw.com) in Medford, Ore. USA, a company that creates custom desktop PCs for gamers.

"Laptops do not offer desktop performance because the graphics are usually two or three generations behind what's available in a desktop computer" says Berdelman. "There is not enough space in a laptop for adequate cooling, therefore you have to cut the graphics speeds down so the unit won't overheat" he explains.

Instead, Falcon Northwest offers a "FragBox" (\$1090 or \$1795, depending on the model), a smaller, square-shaped desktop tower, designed with LAN events in mind. Berdelman says there are five fans in the FragBox to keep components cool, but acknowledges the unit must be plugged into a wall, and requires a monitor.



Tel: 905-947-8868

Fax: 905-947-8817

Mon-Sat: 10:30 - 19:00

ENCORE COMPUTERS

Www.encorecomputers.ca



UNIT 18-333 DENISON STREET, MARKHAM

ON SALE 1 \$288	ON SALE 2 \$483	ON SALE 3 \$664	ON SALE 4 \$293	ON SALE 5 \$445	ON SALE 6 \$589
intel. Celeron 1.7G ASROCK GE-PRO-M2 MB 128M DDR RAM MAXTOR 40G 7200RPM LG CD-ROM/1.44 FD ATX MID TOWER 350PSU VIDEO/AUDIO/LAN O/B KB/MOUSE/SPEAKER CUSTOMIZING OPTION CELERON 2.0G/2.4G +18/+26 P4 2.4G/2.8G +106/+162 256M DDR RAM +25 LG CDRW +20	intel. P4 2.4G ASUS P4V8X-X MB 256M PC2700 DDR RAM ATI RADEON 7000 64M/TVO MAXTOR 40G 7200RPM LG CDRW /SONY 1.44 FD ATX MID TOWER 350PSU AUDIO/LAN ONBOARD KB/MOUSE/SPEAKER CUSTOMIZING OPTION CELERON 1.7/2.0/2.4 -80/-68/-60 P4 2.8 +66 512M DDR RAM +55	intel. P4 2.8E ASUS P4P800S 800FSB MB 512M PC3200 DDR RAM ATI R9200SE 128M TVO MAXTOR 80G 7200RPM LG CDRW /SONY 1.44 FD ATX MID TOWER 350PSU AUDIO/LAN ONBOARD KB&MOUSE/SPEAKER CUSTOMIZING OPTION P4 2.8C/3.2E +5/+137 ASUS P4P800 MB +40 LG CDRW/DVD COMBO +30 LG4081 DVD BURNER +55	AMD XP 2000+ ASrock K7S41GX MB 128M DDR RAM MAXTOR 40G 7200RPM LG CD-ROM/1.44 FD ATX MID TOWER 350PSU VIDEO/AUDIO/LAN O/B KB/MOUSE/SPEAKER CUSTOMIZING OPTION XP 2200+/2400+ +18/+25 XP 2500+/2600+ +39/+49 256 DDR RAM +25 LG 16x DVD-ROM +17	AMD Xp2500+ ASUS A7V8X-X MB 256M PC2700 DDR RAM ATI RADEON 7000 64M/TVO MAXTOR 80G 7200RPM HD LG CDRW /SONY 1.44 FD ATX MID TOWER 350PSU AUDIO/LAN ONBOARD KB/MOUSE/SPEAKER CUSTOMIZING OPTION XP2600+/XP2800+ +21/+62 ATI RADEON 9200SE 128M/TVO +25	AMD Xp2800+ ASUS A7N8X-X MB 512M PC3200 DDR RAM ATI RD 9200SE 128M MAXTOR 80G HD LG CDRW /SONY 1.44 FD ATX MID TOWER 350PSU AUDIO/LAN ONBOARD KB/MOUSE/SPEAKER CUSTOMIZING OPTION XP 2500+/XP 2600+ -42/-31 XP 3000+/XP 3200+ +49/+114 ATI 9600PRO 256M +129
GAMER'S CHOICE \$1283 ATHLON-64 3200+ ASUS K8V-E-DELUXE MB 1024M DDR400 MEMORY WD 120G SATA HD/SONY 1.44 FD ATI RADEON 9600PRO 256M LG 4081 DVD WRITER AUDIO/GIG LAN ON BOARD ENERMAX 350W PSU SIDEWINDING CASE MICROSOFT KB/MOUSE COMBO LAPTOP ASUS A2H CELERON 2.4, 256M, 40G 1204 P4 2.8B, 256, 40G 1332 ASUS LS5M P4 2.8C 512M, 40G 1843 P4 3.2C 512M, 40G 1972 TOSHIBA PSA40C CEL2.7, 512M, 40G 1458 PSA60C CEL2.8, 512M, 40G 1545 SERVICE LAPTOP REPAIR/UPGRADE 39 PC REPAIR/UPGRADE 110	HARD DRIVE MAXTOR 40/80/120G 2M 65/79/105 120/160/200G 8M 118/132/168 SATA 80/120/160G 104/130/143 WESTERN DIGITAL 40/80/120G 2M 68/84/105 40/80/120G 8M 73/89/112 200/250G 8M 159/252 SATA 80/120/160/200G 103/127/155/186 LAPTOP HD & Memory FUJITSU 4200RPM 20/30/40/60G 106/115/125/175 Sedimim pc133 ddr200/266 web OPTICAL DRIVES LG 16xDVD/52X CDRW 31/19.5 52x32x52 CDRW 34 DVD & CDRW COMBO 59 40814082H120 DVD/RW 79/89/123 NEC 16x DVD 28 SONY 16xDVD 39 52x32x52 CDRW/48 43 LITEON 52x32x42 USB CDRW 85 PIONEER 16XDVD Slot 39 107DVD+-RW 110	VIDEO/CAPTURE CARD ASUS V9S20VS /128 143 ATI RD 7000 64M TVO 46 RD 9200SE 128M TVO DVI 61 RD 9600SE 128M TVO DVI 92 RD 9600PRO 256M TVODVI 185 RD 7000 32M DVI PCI 65 RD 7000 64M DVI PCI 56 X800 PRO256/VIVO 570/615 TV W/ONDER VE/PRO 68/82 MSI FX5200 TD128 TVO DVI 82 FX5200 VTD128 VIVO 123 FX5600XT VTD128 DVI 136 FX5600XT TD256M TVO DVI 176 MX400 64M 48 TV@ANYWHERE 70 OTHER GOOG TV/CAPTURE 53 AVERMEDIA CAPTURE 63 SPEAKER OG61 250W 2PCS 6 OG185 550W 2PCS PMPO 16 OG1050 650W 3PCS 12 CG510 5.1 1800W 6PCS 40 OG2000 1200W 4.1 5PCS 39 OG5060 2000W 6PCS 49 PM4500 780W PMPO 49	WIRED NETWORKING SMC 1244TX PCI NIC 9 PCMCIA 10/100 32bit 35 SMC 7004VBR/ABR 4P RT 45/78 LINKSYS 10/100 USB NIC 19 D-LINK 538TX NIC 11 DI-604/704UP 4port RT 43/75 INEXQ 4Port Router 29 OTHERS 5/8/16 PORT Switch 18/23/48 CAT5/E 1000FT CABLE 38/59 RJ45 CONNECTOR 0.25 WIRELESS NETWORKING MSI PCI182 11M PCI NIC 35 UB11B 11M USB NIC 45 PCMCIA CB11B/CB54G NIC 35/58 D-LINK DWL-520+ G 22M PCI NIC 65 WL-120+ G 22M USB NIC 88 PCMCIA G650 54M NIC 78 DI-624 54G 2.4 RT 103 SMC 2802W 2.4G 54G PCI NIC 77 PCMCIA 2435W 22M NIC 68 PCMCIA 2835W 54M NIC 47 2804WBR 2.4G 54G RT 89	SOUND CARD ASOUND PCI 11 SB PCI128/LIVE!5 21/31 SB AUDIGY ES SB0160 59 AOPEN AW54/8/50 14/19.5 8K/MODEM INTEL SW/HW 12/19 AOPEN SVV /PLX/PX 18/29/35 SOFTWARE MS XP Home/Pro Oem 121/188 Norton Antivirus 2004 39 INTERNET SECURITY 2004 42 WINFAX 10 26 MONITORS SAMSUNG 753DF/955DF CRT 149/243 7505 17" CRT 132 150N/170" CRT 413/499 LG 17" 700S CRT 132 BENQ G775 17" CRT 140 LCD 17" 731 470 VIEWSONIC E70F/E90F 175/280 PRINTER/SCANNER CANON I250 PRINTER 58 USB 4 Port Hub 21 Flash Drive 2.0 128M/256M 42/65 128M Flash Drive w/ mp3 59 Pine 128M Flash Drive w/watch 79 LEXMARK Z35 PRINTER 48 LEXMARK X75 All-In-One 96 HP 1012 LASER PRINTER 269 BENQ 5300U SCANNER 60	CONTROLLERS PCI to USB2.0/1.1 4port card 12/5 PCI to 1394 4 port Card 16 PCI to USB1394 Combo Card 28 PCI to SATA 4 port Card 34 PCMCIA to 1394 2port/3port 27/30 PCMCIA to USB2.0 2 port 29 USB to 2x Ps2 Adapter 8.5 USB to RS232 Adapter 25 USB to Parallel Adapter 20 USB to IrDA Adapter 26 USB to ATA133 Adapter 26 Mini ps2 KVM 2 port Switch 30 Phoebe 2p KVM/KVMU Switch 29/35 PCI to ATA133 2port raid card 30 MISCELLANEOUS CANON/EPSILON Cartridge 6.9-19.9 SONY USB 1.44 FLOPPY 37.5 Labtec Webcam 20 Logitech Quickcam Mess/expr 32/29 8 in 1 USB Card Reader 21 USB 4 Port Hub 6 Flash Drive 2.0 128M/256M 42/65 128M Flash Drive w/ mp3 59 Pine 128M Flash Drive w/watch 79 LEXMARK Z35 PRINTER 48 LEXMARK X75 All-In-One 96 HP 1012 LASER PRINTER 269 HD 3000/350W PSU 42/78 CD/DVD/Floppy Media website



Dell Inspiron XPS 9100

Price, size can weigh you down

There are other shortcomings to gaming laptops: weight that can top 9.5 pounds [Dell Inspiron XPS, for example], relatively short battery life, and because of its high-end components, a higher price point than all-purpose notebook PCs.

But most gamers aren't concerned about the weak battery performance, in Pandya's opinion.

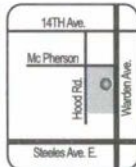
"Most of the time these gaming laptops are desktop replacements, so they'll be stationary and plugged in" says Pandya, who concedes computer games may cause a laptop battery to drain in less than two hours.

"There are other portable computers better suited for mobility, ones that offer five or six hours of battery life – but they're not ideal gaming solutions."

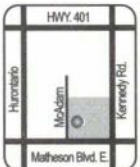
By Marc Saltzman

infonec
Computers

MARKHAM
505 Hood Road, Unit 13
Markham, ON L3R 5V6
TEL: 905-305-0656
FAX: 905-305-6807
Mon-Fri 10:00-7:30
Sat 10:00-5:00



MISSISSAUGA
400 Matheson Blvd. E., #6
Mississauga, ON L4Z 1N8
TEL: 905-507-3110
FAX: 905-507-8414
Mon-Fri 10:30-7:00
Sat 10:30-3:30



Government & Company PO are welcomed

416-410-5481

www.infonec.com

sales@infonec.com

Mobile 418
COMPAL CL51-14 XGA
Intel Extreme Graphic, 14.1" TFT
P4C800E-Deluxe
256MB PC2100 DDR SODIMM RAM
SEAGATE 20G U100 5400rpm 2M HD
24X CD Rom
Direct3D sound, Full Duplex
v.92 Data/Fax Modem
802.11b/g, 10/100 RJ45 Nic
IEEE1394, USB2, TVO
1 Year Manufacturer Warranty
MICROSOFT XP Home SP1 Oem

Celeron M 1.5Ghz --\$1475
Pentium M 1.5Ghz --\$1579

Optional Upgrades:
Floppy, memory reader,
DVD/CDRW combo or DVD/RW,
Extended Warranty etc.

Mobile 468
COMPAL CL-56 15 SXGA
Radeon9700 128M, 15" TFT
256MB PC2700 DDR SODIMM RAM
SEAGATE 20G U100 5400rpm 2M HD
24xCDRW/8xDVD Combo Drive
Direct3D sound, Full Duplex
v.92 Data/Fax Modem
10/100 RJ45 Nic
IEEE1394, USB2, TVO
1 Year Manufacturer Warranty
MICROSOFT XP Home SP1 Oem

Celeron M 1.5Ghz --\$1808
Pentium M 1.5Ghz --\$1908
Pentium M 1.6Ghz --\$1965
Pentium M 1.7Ghz --\$2039

Optional Upgrades:
Intel PRO Wls nic, 4xDVD+/-R/RW,
Extended Warranty etc.

Frontier 408
ASUS P5GD1 MB
i915P Chipset LGA775
SATA & IDE Raid, 8-ch. Sound, GbLAN
OCZ 2x256MB PC3200 Premier DCK
MAXTOR 80G SATA150 7200rpm HD
ASUS Radeon X300se/T 128M PCI-Ex16
LG 16 DVD/ROM Black
ALTEC LANSING 121 Speakers
PANASONIC 1.44M Blk Floppy
ENERMAX CS-800TX Blk Case w/300W
MICROSOFT MM Internet Blk KB
MICROSOFT Optical Blk Wheel Mouse

520 2.8EGhz ----- \$1065
530 3.0EGhz ----- \$1125
540 3.2EGhz ----- \$1199
550 3.4EGhz ----- \$1389

Ultimate 408
ASUS P4P800SE ATX MB
Intel 865PE Chipset
Onboard SATA, 6-ch Sound, 10/100 Lan
512MB PC3200 DDR RAM
MAXTOR 120G SATA150 7200rpm HD
SAPPHIRE Radeon9600 128M AGP
LG 52x16x Combo Drive
ALTEC LANSING 121W w/Subwoofer
PANASONIC 1.44M Floppy
ATX Case w/P4 300W
MICROSOFT MM Internet KB
MICROSOFT Optical Mouse

Pentium 4 2.8EGhz--\$905
Pentium 4 3.0EGhz--\$965
Pentium 4 3.2EGhz--\$1035

SPECIAL CORNER

ATi All-in-Wonder
Radeon9600 128M

\$195

WD 250Gb SATA
8M 7200rpm

\$225

ABIT NF7 MB
w/AMD AXDA2500+

\$199

MOTHERBOARDS

ASUS P5GD1	\$209
P4R800-VM/DLX	\$109/139
P4C800E-Deluxe	\$245
P4P800SE/IE-Div/VM	\$125/155/125
P4P800S/P4SG-AX	\$99/69
ABIT	\$189
SKV/SKBNK3V-SE-DLX	\$235/239/162
A7N8E-DLX/A7V600	\$135/99
A7N8X-XI-VM-E-DLX	\$113/92/115
A7V8X-XI-MX	\$79/79
ABIT	
AAB/AG8/AG8V	\$219/189/175
K7B-MAX3/AV8	\$195/165
K7F-S2GNF7-S2	\$129/105
EPOX	
8KDX/8URDA3+	\$155/115
INTEL	
925X/CLK/915SAGL	\$275/165
MSI	
7030 K8N Neo Plat.	\$175
7058 915G combo	\$189
7028 915P Neo-2 Plat	\$245
6570 K7N2-Delta ULTR	\$93/129
TYAN	
S2685ANRF/S2875ANRF	\$599/339
S2668ANR/S2665ANF	\$335/539

HARD DRIVE

MAXTOR		
250/200160 (SATA)	\$259/175/145	
120/80 (SATA)	\$125/105	
250/200160 (8M, U133)	\$245/160/130	
120/80/160 (8M, U133)	\$115/89/72	
ATLAS 15K 73/36/18	\$799/389/265	
ATLAS 10K4 146/73/36	\$899/435/209	
WESTERN DIGITAL		
74/36 (8M, U100)	\$265/149	
200/160/120 (SATA)	\$177/139/126	
250/200160 (8M, U100)	\$245/155/135	
120/80/40 (8M, U100)	\$117/89/75	
SEAGATE		
200/120/80 (SATA)	\$179/132/102	
200/160/120 (8M, U100)	\$169/155/126	
80/40 (2M, U100)	\$59/75	
Cheetah 15K.3 73/36/18	\$899/419/289	
Cheetah 10K.6 146/73/36	\$935/455/209	
HITACHI		
250/160 (8M, SATA)	\$279/159	
120/80 (8M, SATA)	\$139/105	
250/160/120 (8M, U100)	\$259/145/125	
LACIE Products	CALL	
Mobile Drives	Check on Web	

VIDEO CARDS

ATI (Sapphire)		
Sap X800XT 256M	box	\$759
X800Pro 256M	box	\$599
Sap X800Pro 256M VIVO box		\$589
Sap X800Pro 256M TVO box		\$565
AIW Radeon 9800 Pro	box	\$419
AIW Radeon 9600xt	box	\$279
Radeon 9800Pro 256M	box	\$375
Sap R6000xt 256M VIVO	\$229/259	
Sap R6000 256Pro 256	\$145/195	
Sap R6000 256 128M	\$135/105	
TV Wonder Pro Remote	\$89/135	
FireGL X2-256I 256M	\$839	
FireGL T2 128M	\$315	
ASUS		
Radeon X300se/T 128	\$139	
AX800Pro TD256	\$629	
Radeon 9800XT/9600XT	\$545/225	
V8570TD256/128	\$235/205	
MSI		
PCX5750-TD128 PCI-Ex16	\$219	
FX5900xt VTD128	\$275	
TV9000Master	\$75	
MATROX		
P750 TripleHead 64M	box	\$295
P650 DualHead 64M	\$209	
Parhelia-012 128M/256M	box	\$499/829
CS50 32M 128	\$135	
Creative/3DLabs.		
WildCat4 7110/7210	\$1439/2399	
WildCat VP990 Pro	\$759	
WildCat VP800 Pro	\$475	
PNY		
C4 750XGL 128M	\$489	
QFX500 128M	\$299	
QFX1100 128M	\$889	
COMPRO TV Tuner	Call	

MULTI-MEDIA

NEC		
2510A.DLx.DVD/RW	\$112	
LG		
52X CDR/16X DVD	\$22/35	
52x32x52 CDRW	\$39	
52x32x52/16x Combo	\$62	
40x28 8x+R/8x-R	\$99	
4120B 12x+R/8x-R	\$125	
Sony		
52X CDR/16X DVD	\$25/43	
52x32x52 CDRW	\$49	
52x32x52/16x Combo	\$75	
LITEON		
52x32x52 CDRW	\$45	
52x32x52/16x Combo	\$65	
12135 12x DVD/RW	\$119	
AD7XLA.DVD/RW/K8	\$165	
107 DVD/RW	\$115	
PLEXTOR		
52x24x52 CDRW	\$89	
52x32x52 CDRW	\$119	
708A DVD/RW+8X/4X	\$182	
712A DVD/RW+12X/8X	\$225	
CREATIVE		
Audigy 2 ZS Platinum Pro	\$239/295	
Audigy ES /LS /ZS	\$57/82/115	
SB128/SB16vs.1	\$25/35	
SPEAKERS		
ALTEC LANSING		
120/121/220	\$19/35/33	
25 1MX502 1FX6021	\$109/192/275	
VS2121/3121/4121	\$55/79/129	
CREATIVE		
Inspire DS80/T7700	\$215/139	
Inspire 1500/T2900	\$115/95	
1-True 3500/3450/3350	\$145/165/115	
LOGITECH		
X120/X220/X620/23	\$35/55/99/95	
Z2200/Z3200/Z680	\$143/195/369	
PALM		
Palm Zire 21i/Zire 72	\$129/359	
Palm Tungsten E/T/3C	\$239/475/465	
Sony Cx PDA	Call	
VISIONARY Tablet PC	Call	
TOSHIBA Tablet PC	Call	

MONITORS

VIEWSONIC		
E701 17" 21H Flat	\$189	
G701 17" 24Ag Flat	\$205	
G751 17" 25 Flat	\$229	
G901 19" 21H Flat	\$305	
P95+ 19" 25Ag Flat	\$345	
P251 22" 24 2048 Flat	\$785	
VE100/VE150 17" LCD	\$439/469	
VE150/VE150 17" LCD	\$565/579	
V9000/G910 TFT LCD	\$849/859	
7530F 17" 20H Flat	\$189	
9970F 19" 20H Flat	\$289	
510MP/710M LCD	\$569/699	
710N 17" 12ms LCD	\$599	
172X 17" 294 DVI LCD	\$599	
173P 17" 288 DVI LCD	\$789	
1911+ 19" DVI LCD	\$879	
NEC		
LCDSV15 15" 30 1024 BLK	\$445	
LCDT17 17" 26 1280	\$375	
LCDSV 19" 29 1280	\$555	
LCDSV 17" DVI BLK	\$649	
LCD 1960XN 19" DVI	\$885	
Projectors		
BENO PB7100	\$1829	
LINKSYS WMP54CS	\$379	
CANON LV-S3	\$1965	
CANON 5210	\$1959	
EPSON 810	\$2045	
INFOCUS X1A	\$1259	
INFOCUS X2	\$1285	
NEC VT470	\$1545	
NEC VT465	\$1595	
SONY VPL-D5100	\$1435	
LINKSYS PJ510	\$1339	
VIEWSONIC PJ551	\$2195	

PRINTERS

SAMSUNG		
ML1740/1750 Laser	\$199/235	
ML2150/2151N Laser	\$365/625	
SCX 4216F	\$465	
EPSON		
R3000/R300	\$129/229	
R3000M/R300	\$259/465	
RX5400/RX600	\$325/439	
CX5400/CX6400	\$185/259	
CANON		
i560/i660/i960	\$139/185/229	
MP300/MP700/MP730	\$229/279/379	
RD Laser Fax printer	\$375	
HP		
LJ1012/1150/1300	\$259/365/495	
BROTHER		
HL1435/1440/1510	\$239/306/439	
H15170N/6050D/7050	\$615/689/1015	
MFC		
3220C/3320CN/4820C	\$175/219/429	
8420/8820D/8840D	\$649/785/889	
NETWORK		
3COM 3C905C	\$39	
DLINK DE-690TX	\$13	
DLINK DGE-550/CE50	\$75/75	
DLINK DGE-530T/550T	\$39/109	
DLINK DSS-8+DSS-16+	\$49/109	
LINKSYS BEFSR41	\$69	
LINKSYS WR754G	\$89	
LINKSYS WR754GS	\$109	
LINKSYS WMP54CS	\$87	
LINKSYS WPC54GS	\$89	
LINKSYS WUS854G	\$79	
SMC 7004VBR/WBR	\$48/79	
SMC 2804VBR/P	\$95/115	

UPS

APC		
Per7/Pro7/Net8	\$19/29/29	
BE350/500/T25	\$59/79/115	
BK350/500/650	\$85/135/155	
BP500/700/UC	\$145/165	
SU420/620/700	\$209/279/329	
TRU1000/1500 USB	\$499/605	
TRIPLITE		
1080/4/5/10 Ultra	\$55/80/69	
BE LINK FC-12/UN	\$169	

CPU & RAM

INTEL		
Xeon/Pentium4/Celeron	Check on web	
AMD		
Opteron/AMD64/Athlon	Check on web	
RAM		
OCZ Performance RAM	Check on web	
PC3200/2700/3100 DDR	Check on web	
CF/SM/SD/xD	Check on web	

CONTROLLERS

7506 4-LP PATA Raid	\$375	
ADAPTEC		
DuoConnect 1394/USB	\$89	
FireConnect 4300	\$59	
3932D-R/29320-R Kit	\$459/395	
RocketRaid 1820 8-ch	\$845/429	
PROMISE		
SATA150 TX2+TX4	\$69/95	
Ultra133 Ultra100 TX2	\$55/39	
RedFire TX200/US3-Pro	\$125/259	
FTS4000/Lite	\$205/169	
STS8000 6-Ch Raid 5	\$365	
HIGHPOINT		
RocketRaid 133 2-ch	\$95	
RocketRaid 1540 4-ch	\$109	
RocketRaid 1820 8-ch	\$249	
IOGEAR		
GC582 2 ports KVM	\$49	
GC584 4 ports KVM	\$145	
GC5138 8ports KVM	\$325	
BELKIN		
USB 2.0 5 ports PCI	\$49	

MODEMS

3COM		
V.92 56K PCI Hardware	\$59	
V.90 56K Winmodem	\$29	
AOPEL		
V.92 56K PCI/PX/PL	\$35/29	
V.92 56K PCI Winmodem	\$19	
INTEL		
V.90 56K DF Winmodem	\$15	
ADSL		
GVCL ext.USB modem	\$79/69	

INPUT DEVICES

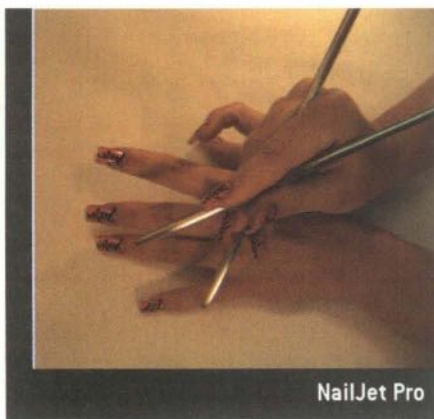
CANON Digital Camera		
A310/A75/S60	\$235/379/649	
CANON Digital Camera		
EX-Z40/EX-P600	\$465/735	
HP Scanner		
8200/8500/8290	\$639/1159/1899	
OLYMPUS Digital Camera		
Stax 410	\$459	
D800/C400/C765	\$355/449/559	

Prices are subject to change without advanced notice. All systems are 1 year parts & 3 years labor defect warranty. All components are one year warranty unless specified. All prices are 4% Cold Cash discounted. Taxes & shipping are not included. All products are registered trademarks of their respective companies.

HUB ONLINE

• Events • Contests • Archived Issues •

at www.hubcanada.com



NailJet Pro

In the Ghetto Fabulous category, a U.S. company based in Tampa Bay, FL has created the NailJet Pro, an inkjet printer that can print any number of designs directly on natural or artificial nails. Getting your nails "did" with a printed image is only part of the process though; once the image is set on the nail, any of a "full line" of nail coatings are applied to make sure the watermelon design, Last Supper mural, leopard print, cowboy boot or what have you won't come off while you're doing the dishes.

To check out the complete and unique image gallery, as well as local beauty salons versed in the ImagiNail arts (you're going to have to cross the border though) check out www.imaginail.com



KEIT Computer

6 Years Business Guaranteed
= Lowest Price + Best Service

WWW.KEITCOMPUTER.COM
 E-mail: Sales@keitcomputer.com

Tel: (416) 493-3300
 Fax: (416) 493-3308

Address: 2022 Sheppard Ave. E

Mon-Fri: 10:30-19:00
 Sat&Sun: 11:30-16:00



Intel Celeron 2.0GHz \$299
 Intel Pentium 4 2.0GHz \$379

AsRock GE PRO-M2 M/B
 128MB DDR RAM
 Real 256E 3D 64M VGA
 40GB 7200RPM HDD
 52X CD-ROM
 5.1 Channel Audio
 10/100 Mbps LAN
 1.44M FDD & ATX 350W USB CASE
FREE Keyboard & Mouse & Speaker
 Celeron 2.4G/2.6G/2.8G \$309/\$339/\$389
 Pentium 4 2.8G \$439

Back to School Special

Go to school with Intel Hyper-Threading Technology

Intel Pentium4 2.8Ghz Prescott
 ASUS P4S800 M/B
 256M PC 3200 DDR400
 ATI RADEON 7000 64M
 80GB 7200RPM HDD
 52x32x52 CD-RW
 6-Channel Audio
 10/100 LAN
 1.44 FDD & ATX 350W USB CASE
 Windows KB & 3D Mouse & 180w SPK
 17" Flat Screen CRT Monitor Included



\$689



Pentium4 3.0G \$749
 Pentium4 3.2G \$829

I, Robot \$969

Pentium4 3.2E Ghz \$969
 ASUS P4P800SE (Intel i865PE Chipset)
 512MB Dual-Channel DDR400
 ATI RADEON 9200SE 128M
 120GB SATA 7200RPM 8MB Buffer
 DVD-Rewriter 8x DVD+- R/W
 6-Channel Audio & Gigabyte LAN
 1.44 FDD & ATX 350W USB CASE
 Microsoft MultiMedia KB & Mouse
 ShockWave Sw5102 5.1 Speaker
 For P4 2.8E / 3.0E \$859/\$999
ADD a 17" LCD Monitor +\$459

Buy KEIT systems with 1 year parts warranty and 5 years labor FREE.

Buy KEIT systems with 1 year parts warranty and 5 years labor FREE.

AMD Athlon XP 2000+ \$289

AsRock K7S41-GX M/B
 128MB DDR RAM
 Real 256E 3D Graphics(Up to 64MB)
 40GB 7200RPM HDD & 52X CD-ROM
 5.1 Channel Audio & 10/100 LAN
 1.44M FDD & ATX 350W USB CASE
FREE Keyboard & Mouse & Speaker
 Athlon XP 2200+ \$305
 Athlon XP 2400+ \$315
 XP 2500+ Barton \$325
 XP 2600+ Barton \$335

Bust Buy \$429

AMD XP 2400+
 ASUS A7V8X-X M/B
 256M PC DDR333
 ATI RADEON 7000 64M
 6 Channel Audio & S/PDIF
 80GB 7200rpm HDD
 1.44 FDD XP 2200 \$409
 XP 2500 \$439
 10/100 M LAN XP 2600 \$449
 ATX 350W USB CASE XP 2800 \$489
 Windows KB / 3D Mouse
 180w Speaker

Player Wanted \$599

AMD ATHLON XP-2600+ Barton
 ASUS A7N8X-X M/B
 512M PC 3200 DDR400 RAM
 Nvidia GeForce FX 5200 128M 8x AGP
 80GB 7200RPM HDD
 52x32x52 CD-RW & 16x DVD Drive
 6-Channel Audio & S/PDIF
 10/100 LAN XP 2500+ \$589
 1.44 Floppy Drive XP 2800+ \$659
 ATX 350W USB CASE XP 3000+ \$689
 Windows KB / 3D Mouse
 ShockWave 2.1 SC-3 Speaker

Speed Demon \$1059

AMD ATHLON 64 3200+ (1MB L2 CACHE)
 ASUS K8V (K8T800 Chipset)
 512M PC 3200 DDR400
 ATI RADEON 9200 SE 128M TV-OUT
 120GB SATA 7200RPM 8MB Buffer
 LG DVD-Rewriter 8x DVD+- R/W
 6-Channel Audio Athlon 2800 \$939
 Gigabyte LAN Athlon 3000 \$989
 1.44 FDD Athlon 3400 \$1259
 ATX TOWER CASE
 Microsoft MultiMedia KB & Mouse
 ShockWave Sw5102 5.1 Speaker
FREE Enermax 350W Power

MONITORS	
LCD	
Special 17" L-171 / with TV	\$469/\$589
Special 19" L-191	\$669
15" BENQ FP 567	\$389
17" BENQ FP731/FP767	\$489/\$509
17" SAMSUNG 170N/170V	\$499/\$519
17" SAMSUNG 710T	\$589
18" Viewsonic VX 800 / VP181B	\$869/\$919
CRT	
17" AOC FT 700	\$139
17" LG T710DB	\$149
19" SAMSUNG 955DF	\$229
19" BENQ P992	\$229
19" Viewsonic G90f / P95f+	\$329/\$369
22" Viewsonic P220f / P225f	\$769/\$839

MAIN BOARD	
Intel	
Intel 875PBZLK	\$239
Intel 865PERL / PERLK	\$119/\$189
ASUS P4C800-E DELUXE	\$239
ASUS P4P800SE	\$125
ASUS P4P800-E-DX 865PE	\$139
ASUS P4S800 / D-E-DX	\$83/\$132
ASUS P4R800-VM w/video	\$105
ABIT I57	\$129
ABIT A17	\$159
ABIT IC 7 MAX3	\$245
ASROCK GE PRO-M2	\$59
Gigabyte 8IPE1000PG	\$129
AMD	
ABIT KV8-MAX3 socket 754	\$195
ABIT NF7-S	\$125
ASUS K8V/SE-DX socket 754	\$132/\$153
ASUS A7N8X-X nForce2-400	\$89
ASUS A7N8X-E Deluxe	\$129
ASUS A7V8X-X VIA Kt400	\$75
MSI KT4VA-L VIA Kt400	\$69
AsRock K7S41-GX	\$59

HARD DRIVE	
MAXTOR	
40G/80G/120G	\$65/\$75/\$105
SATA 80G/120G(8M)	\$99/\$129
SATA 160G/250G(8M)	\$145/\$249
SEAGATE	
40G/80G/120G	\$69/\$79/\$109
SATA 80G/120G/200G(8M)	\$95/\$119/\$179
Western Digital	
40G/80G/120G/250G(8M)	\$75/\$88/\$115/\$229
SATA 120G/200G/250G(8M)	\$129/\$195/\$249
Call for SCSI & 10000 rpm HDDand more	
WD 36.7GB Serial ATA 10000rpm 8MB	\$159
WD 74GB Serial ATA 10000rpm 8MB	\$289
Toshiba Notebook	
4200RPM 20G/40G/60G/80G	\$99/\$139/\$179/\$229
Fujitsu 20/30/60/80G	\$89/\$109/\$169/\$219

SOUND CARD	
Aopen 4.1 PCI / 5.1 PCI	\$15/\$19
S.B LIVE 5.1	\$33
S.B. AUDIGY 5.1 ES	\$59
S.B. AUDIGY 2 6.1	\$98
S.B. Audigy 2 ZS	\$118
S.B. Audigy 2 ZS Platinum	\$229
S.B. Audigy 2 ZS Platinum Pro	\$299
Open XC Cube	
Ez65 White / Black	\$369
Ez18 White / Black	\$359

VIDEO CARD	
ATI all-in-wonder R9000pro 64M	\$189
ATI all-in-wonder R9600 128M	\$239
ATI all-in-wonder R9600XT 128M	\$299
ATI all-in-wonder R9800pro 128M	\$459
ATI R7000 64M DDR TV-OUT	\$49
ATI R9200SE 128M	\$65
ATI R9600 128M/256M	\$129/\$139
ATI R9800 Atlantis 256M	\$359
ATI X800 Pro 256M (Retail)	\$599
ATI TV WONDER VE	\$62
MSI TV@anywhere Master (video in, FM)	\$69
MSI FX 5200-128M	\$79
MSI FX5700 128M LE/TV/DVD	\$139/\$169/\$189
MSI FX 5900XT-VTD 128M 8xAGP	\$239
ASUS V9400MAGIC/T/128M	\$95
ASUS GF FX5200 AGP8X 128MB	\$75

Network & Modem	
Linksys 4 Port Router (BEFSR41)	\$69
Linksys Wireless-G PCI (WMP54)	\$79
Linksys Wireless-G Router (WRT54G)	\$89
D-Link DFE-538 TX PCI NIC	\$10
D-Link DI-604 4 Port Router	\$45
D-Link Wireless Router / Adapter	\$75/\$59
Inexq 4 Ports Router	\$29
Aopen 5 ports HUB / 8 ports	\$26/\$39
Pinc 56K V.92 PCI w/voice&fax Modem	\$14
Aopen 56K SVU/PLX	\$16/\$25

OPTICAL DRIVE	
LG 52X CD-ROM	\$20
LG 16X DVD-ROM/BLACK	\$33/\$36
LG 52x32x52 CD-RW	\$36
SONY 52x32x52 CD-RW	\$42
LG 52x CD-RW & 16x DVD Combo	\$59
Toshiba DVD-RW SDR5272	\$82
LG DVD +/- RW 8X 4082B	\$85
LG 4120 12X DL DVD-RW	\$119
SONY DVD+- RW	\$115
PIONEER DVD +/- RW 107	\$109
Plextor PX-708A 8X DVD +/- RW	\$198

ShockWave Speaker

* Wooden Structure * Design for PC and Home DVD Theater

SC-1 \$39 SW-5101 \$99
 SC-3 \$42 SW-5102 \$89

* All prices already 4% cash discount, prices and availability subject to change without notice. We reserve rights for any typing errors. All brand name & products are registered trademarks of their respective company.
 * We promise if any part has a problem in warranty we will exchange it with a new one (expect physically damaged & any retail box parts). Pictures may not be the same as real products.

First Glance

Logitech (www.logitech.com) continues to add features to its desktop peripherals, this time tweaking the ergonomic design and building more multimedia controls into its cordless keyboard and mouse bundle, the Logitech Cordless Desktop LX 500 and 501 (the 500 is blue and the 501 white). The new sets have a lower keyboard height (2.23 cm on a flat surface) and Logitech's Zero Degree tilt. The latter means all of the primary rows of keys are at the same height, which may help minimize wrist extension, according to independent studies cited by Logitech. As well, the keyboards include mouse features, such as a scroll wheel, to reduce fatigue in the mouse hand. Media controls include dedicated buttons for functions such as recording and burning media and MediaLife software, which allows a user to access all of their music, pictures, and video files through an integrated interface that is designed to be visible from up to 3 m away. The Logitech Cordless Desktop LX 500 and LX 501 have a suggested retail price of \$105*.




*Converted from US dollars.

Logitech Cordless Desktop LX500



In overhauling its consumer photo inkjet line, Canon (www.canon.ca) has added some nice features to affordable printer options. According to Canon the Pixma line uses an exclusive nozzle technology that is capable of printing at 1,200 dpi (iP300 and iP400) and 600 dpi (iP1500 and iP2000) over wide areas in a single pass. The iP1500 is the entry-level model, and can create borderless prints of up to 8.5x11-inch. The iP2000 adds PictBridge technology for printing directly from a digital camera and a second front-feeding paper tray in addition to the standard auto sheet feeder, so users can easily switch between photo and plain papers. In addition to bumping up the print resolution, the iP3000 has dual paper trays, PictBridge direct printing, individual colour ink tanks, and an auto-duplex unit for two-sided printing. At the top of the Pixma line, the iP4000 has all of the iP300's features, but uses Canon's ContrastPlus five-colour ink system, which adds an additional black ink for contrast and sharpness in photo printing. The Pixma line is available in August for suggested retail prices of \$100 (iP1500), \$125 (iP2000), \$188 (iP3000), and \$250 (iP4000).

Canon Pixma iP4000



\$9.95 Unlimited Internet Access

No contract
No prepayment
No banner ads
No busy signals

Free activation
Free e-mail support
Multiple original e-mail domains
Internet access in 1,073 cities in Canada

www.ideal-access.com

1-888-478-2733
\$9.95 per month plus taxes.



U Computers

www.ucomputer.ca

WE OPEN 7 DAYS A WEEK!
MON-FRI: 10AM-7PM
SAT-SUN: 10AM-5PM

All systems Now with
2 Years
labor & 1 year parts
Warranty

** Monthly Special **

Brand P4 Computer (ref) from \$299
50 PCS 4X DVD-R MEDIA \$17.4
LG 4082 8X DVD+/- RW \$82
17" SAMSUNG 713V LCD \$499
21" SONY Ref Flat Monitor \$169

Scarborough:

4002 Sheppard Ave E, #108



416-293-9933

Mississauga:

289 Dundas St E, Unit 2



905-361-1979

North York:

386 Sheppard Ave. E



416-250-5588

AMD Pro 3100+ \$299 ECS L7VMM3 6USB2.0 DDR 128M PC2100 Maxtor 40G 7200r H.D NEC 16X DVD / 1.44 Xabre 200 DDR64M Video 10/100 Lan & Sound Onboard Midtower case/ 400W Keyboard & Mouse & Speaker UP TO: 80G 7200R H.D +\$13	Intel Celeron 2.4GD \$358 Asrock (ASUS) GEPRO-M2 Hynix DDR 256M PC2700 Maxtor 80G 7200rpm H.D DDR 64M Video/ Sound O/B LG 52X32X52 CDRW/ SONY FD 10/100 Fast Ethernet O/B Front USB case/ 350W Keyboard & Mouse & Speaker P4 - 2.4 / 2.5G \$418/438	AMD 2200+ XP \$429 Asus A7V8X-X KT400 DDR 256M PC2700/ 1.44 Maxtor 80G 7200R H.D/ Sound LG 52X32X52 CDRW/ Lan ATI Radeon 9200se 128M TVO Case/ 400W Front USB Keyboard & Mouse & Speaker AMD 2500/2800+ XP \$449/499	Intel P4 - 2.4G \$508 ASUS P4PE2-X i845PE 800Fsb DDR 256M PC2700 Hynix Maxtor 80G 7200rpm H.D LG 52X32X52 CDRW/ 1.44 ATI Radeon 9200se 128M TVO 10/100 Lan & 6 Chan Sound Midtower case /400W Front USB Keyboard & Mouse & Speaker P4 - 2.5 / 2.8G \$528/568
Back to School \$638 Intel P4 - 2.8GE 800Mhz ASUS P4R800-VM M.B 512M DDR400 PC3200/ 1.44 Maxtor / W.D 120G 7200R H.D ATI Radeon 9200 128M Video O/B 3 Com 10/100 LAN & 6 Chan Sound Front USB case /400W Power Supply HP Multi K.B & Mouse & SPK P4 - 3.0 / 3.2GE \$699/769	Intel P4 - 2.8GE \$726 ASUS P4P800S i848P SATA 512M DDR400 PC3200/ 1.44 FD W.D/Maxtor 120G 7200R H.D LG 4082 8X DVD +/- RW Burner ATI Radeon 9200se 128M TVO 6 Chan SOUND & 10/100 LAN Front USB Case/ 400W Power Optical M.S & HP Multimedia KB 600W 2.1 Subwoofer SPK P4 - 3.0 / 3.2GC \$788/858	Game Player \$1099 INTEL P4 - 3.0GE HT 800M 1M ASUS P4P800e Deluxe Raid/1394 OCZ Dual Chan 512M PC3200 W.D 160G SATA 8M 7200r/ 1.44 LG 4120 12X DVD +/- RW & Giga-Lan LG 16X DVD & 8 Chan Sound ATI Radeon 9600 256M TVO DVI 450W Dual Fan/ Side Window Case Luxor Wireless optical K.B & Mouse Creative 2.1 Subwoofer SPK Intel P4-3.2G/3.4GC \$1158/1338	SUPER 64 3200 \$1258 ASUS KV8-se Deluxe 1394 / RAID 1024M DDR400 PC3200 Brand W.D 200G 8M SATA 7200rpm H.D LG 4120 12X DVD +/- RW / 1.44 ATI Radeon 9600 256M TVO Video GB LAN & 6 Channel Sound O/B 450W Dual Fan / Side Window Case Wireless Optical Keyboard & Mouse Creative SBS 4.1 Speaker Athlon 64 3000/3400 \$1199/1399

LCD & CRT Sale

17" Direction L171 / Speaker	\$469
17" BenQ FPF 737 Digital	\$508
17" SAMSUNG 710V / 713V	\$499
17" SAMSUNG 710N 12ms	\$545
17" SONY SDM-S73	\$569
19" SAMSUNG 910V	\$699
17" IBM/ DELL Refurbished CRT	\$59
17" BENQ G775 Flat CRT	\$135
17" Viewsonic E70F Flat CRT	\$178
17" SAMSUNG 753DF Flat CRT	\$153
19" SAMSUNG 955 DF Flat CRT	\$229

Hard Drive

2.5/3.5/5.25" USB 2.0 Encl.	\$15/32/32
Sandisk USB2.0 F.M 128/256/512M	\$35/55/105
Maxtor 40/80/120G	\$63/76/102
W.D 8M 80G/ 120G/ 160G	\$84/109/125
W.D 8M 200G/ 250G	\$156/226
W.D SATA 8M 200G/250G	\$165/238
Seagate SATA 8M 80/120/160G	\$93/118/133
Toshiba 2.5" 20/ 40/ 60/80G	\$95/115/155/205

DVD/CDRW

NEC 16X DVD	\$27
LG 16X DVD	\$30
LG 52X32X52 CDRW	\$32
LG 4082 8XDVD +/- RW	\$85
LG 4120 12X Dual Layer DVD/RW	\$108
PIONEER 107 8X DVD +/- RW	\$105
PLEXTOR 712A 12X DVD/RW	\$218

Video Card

V-Stream TV Tuner+ FM/ Remote	\$47
WinFast TV 2000 Xpert Tuner/ Remote	\$79
ATI Radeon 9200se 128M TVO DVI	\$59.9
PANDEX GF FX5600XT 128M TVO	\$87
ATI/Powercolor 9600Pro 256M TVO	\$179
MSI GF FX5500/ 5700LE 256M TVO	\$126/166
MSI GF FX5900 XT 128 TVO	\$249
ATI Radeon9800 XT 128M/256M TVO	\$195/218

Modem & Networking

Realtek 10/100 Lan Card	\$7
D-link 538 10/100 Lan	\$10
Intel 56K Fax Modem	\$12
USB 2.0 / IEEE 1394 PCI CARD	\$12/20
D-Link 604 4 Port Router	\$43
INEXQ 54G Wireless Router	\$75
Wireless 54M PCMCIA/ PCI	\$45

Prices subject to change without notice. Cash price, already 4% Discounted



To advertise in HUB:Digital Living

call 416-349-9666

Glossary

Wireless 101

Every time you turn around these days, it seems someone is slinging the word "wireless" at you like it's supposed to mean something. Since the word has several meanings, following is a quick guide to the various worlds of wireless:

Cellular wireless

When you hear the word "wireless" on its own, it's probably being used to refer to cellular phone technology —especially the ability of these new devices to send and receive data (email, text messages, and even Web surfing) in addition to making voice calls.

It doesn't matter whether you're using an actual cell phone or a cellular modem, because both can send and receive data. Trying to view data (Web pages or longer email messages) can be less than ideal on a tiny telephone screen, though.

Most Canadian cellular networks have been upgraded recently to "high speed," which means they can move more data faster. But high-speed, in this case, realistically means about 56 kilobits per second, roughly the same speed as the fastest dial-up connections using a telephone. There's talk of broadband connections over cellular, but it's not here quite yet. There are two major types of high-speed cellular wireless in North America:

CDMA 1x

The Code Division Multiple Access standard is more popular in North America than in the rest of the world, but here the networks are pretty prevalent; the 1x refers to the upgraded high-speed-capable data net-

work. These phones come with built-in identification information, which means changing your number is a bit more complicated. Both Bell and Telus use the CDMA 1x network.

GPRS

General Packet Radio Service is more popular worldwide — especially in Asia and Europe — but it's worth noting that North American GPRS devices often use different radio frequencies and are often only partially compatible with other GPRS networks around the world.

GPRS devices use a user-replaceable SIM card for identification.

Activation of a phone is typically as simple as changing SIM cards, which makes changing your number extremely easy, and it allows you to share one cell phone account among several different devices.

Both Rogers and Fido use a GPRS network.

Wireless networking (aka WiFi)

Popularly known as WiFi, wireless networking has had a lot of attention lately, thanks to the proliferation of "hotspots" popping up in urban areas. WiFi networking is starting to appear as standard gear in many new notebooks (especially those using Intel's new Centrino technology) and handhelds. But even if it's not built in, adding WiFi to an computer is as easy as installing a USB, PC Card, or internal WiFi adapter. Handhelds can add WiFi using CompactFlash or SecureDigital adapters.

The catch: to use WiFi, you will need a base station hooked into your office or home network, or you'll have to find a "hotspot" that is a public space with a WiFi base station.

Computer Support.

Fast. Cheap. Smart.

\$25/hr residential, \$35/hr business. Allow us to take care of your technology support needs!

www.envoguecomputers.com

(416)413-9146

En Vogue Computers

The Tech
Zone

265 Edward Street Unit 9
Aurora, Ontario L4G 3M7
Phone: 905.726.2807

Digital living
made easy!

Come by and visit your ultimate computer source

www.thetechzone.ca

Urban Fitness

Coming soon

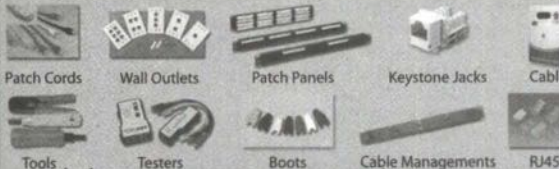
Your One Stop LAN (Network) Products Supplier

www.weselllan.com

(We Sell LAN)

we sell LAN.com

On-line store for Network Cabling Products



Special prices for bulk orders!

IK Com Canada Inc.,

18, Strathearn Avenue, Unit 24, Building B-North, Brampton, Ontario, Canada, L6T 4Y1
Tel: 905-458-0813, Fax: 905-458-4483, E-Mail: info@ikcom.ca

& Many more

400119254

新資訊
BHEC

Computer Recycling Centre

Telecom Services Co.

We pay **CASH \$\$\$** for your useless

- COMPUTERS
- MONITORS
- SCANNERS
- COPY MACHINES
- FAX MACHINES



CLEAN UP NOW!

For more information, please contact us at:

Toronto Area | **Vancouver Area** | **(604) 276-9088**
(905) 470-7125 | **(604) 696-6883** | **(604) 780-8685**

40020624

Transfer your Videos & Old Films to

DVD

- Broadcast Linear & Non Linear Editing
- Standards Conversions (NTSC/PAL/SECAM)
- Advanced DVD Authoring services for Motion Picture Films
- 8 & 16mm Films, Photos & Slides to Video or DVD
- Audio, Video, CD & DVD Duplication
- Professional Video Taping for Corporate & Television Productions
- High Definition Video/VGA Projector Rental

40021924

Overseas Video Lab (416) 244-1822
1359 Wilson Ave. Toronto, Ontario
www.overseasvideolab.com Since 1980

INK & TONER SUPPLY

For Ink-Jet & Laser Printer / Copier Cartridges

Up to 80% savings!

On-site services & Delivery are available



- ☺ Ink & Toner Cartridges Refill
- ☺ Compatible Ink Cartridges
- ☺ Ink Refill Kits
- ☺ Fax Films

Toronto

Call: (416) 822-0918

Mississauga

Call: (905) 275-8988

Address: 50 Weybright Court, Unit 43
(Midland & Sheppard)

Business Hours: Mon. - Sat. 12:00noon - 6:00pm

Address: 505 Queensway E., Suite 10E
(Queensway & Cawthra)

Business Hours: Mon. - Sat.: 10:00am - 6:00pm

40019424

MONITOR

Sale 1 YEAR WARRANTY **Repair**

6mth Part Warranty

Refurbished Monitor On SALE

15" from \$49
19" from \$119

17" from \$79
21" from \$149



All Kinds of Monitors (Incl. LCD) Repair

Low Price & Flat charge. Free Estimates.

Monitor Recycling Centre (Used Monitor Buy & Sell)

www.monitorplus.ca

MonitorPlus
Finch

Dufferin
Allen

(416) 663-8878

1110 Finch Ave. W. Unit 2

40014024

United Computer Business Inc.

Sales, Service, Networking, Consulting
Intel Pentium 4-2.8Ghz, 1MB cache, 800FSB, System (3 Years Warranty)
Intel D865GLCL, LAN, Audio Motherboard (3 Years Warranty)
1.44 MB Panasonic Floppy Disk Drive
512MB PC 3200, DDR 400 Memory
Seagate or WD 80GB, 7200 RPM, Hard disk drive
Pioneer 16 Speed DVD ROM Drive & LG 52x32x52 CD R Writer
Microsoft Internet PS/2 Keyboard & Microsoft Optical Mouse
Antec Mid Tower Case & 300 Watt CSA Power Supply
Altec Lansing 121 Speakers w/Subwoofer
Intel Extreme VGA Video Card
Viewsonic G70F, 17" VGA Monitor
Microsoft Windows XP Professional

\$ 1297

265 Ellesmere Road, Scarborough, Ont. M1R 4E4
Tel: 416-444-6763

40003324

MONITOR

REPAIR & SALE

Excellent Price

Any kind of monitor/Problems
Same day service/Free estimate
Monitor specialist engineer serve

Call now! 905-943-7609

800 Denison St. Suite 6 Markham

40013124

BACK TO SCHOOL SPECIALS!

PENTIUM III SYSTEM
FROM \$199 WITH 17" SVGA



17" From \$69
19" From \$99
21" From \$149

PENTIUM III
SYSTEM from \$129
PENTIUM 4
SYSTEM from \$479

NOTEBOOKS, DVD'S, VCR'S, LASER PRINTERS,
PHONES, MICROWAVES & MORE

DSL Computers & Electronics

5200 Finch Ave E, Unit 107 (Finch+Middlefield) 416-335-5126
Mon - Fri 10:00AM - 7:30PM Sat 10:00AM - 5:00PM

40005624

Real PC 416-321-1811 / 416-893-1438

WWW.REAL-PC.CA 8 Glen Watford Dr. Unit G1 Sheppard & Midland (Dynasty Center)

Mon-Fri: 11:00am-7:00pm (Closed on Wed.) Sat-Sun: 11:00am-6:00pm



All systems carry 2 years labor & 1 year parts depot warranty! We do trouble shooting & upgrade!

No.1 Special \$292
 AMD Athlon Pro 3000A+
 ECS L7VMM3(w/AGP)
 256MB DDR 2700 RAM
 32M Integrated Graphics
 Integrated Sound / Lan
 40GB/7200 HDD *
 HITACHI 16XDVD ROM
 P4 350W Front USB Case
 Free Mouse,KB, Speakers
 TO:80G/7200rpm +\$12
 *Add 56K Fax Modem +\$12

INTEL P4 C2.4G \$339
 INTEL P4 Celeron 2.4 G CPU*
 ASUS P4VP-MX**(w/AGP)
 256MB DDR 2700 RAM
 32M Integrated Graphics
 Integrated Sound / Lan
 40GB/7200 HDD/1.44 FD
 HITACHI 16XDVD ROM **
 P4 350W Front USB Case
 Free Mouse,KB, Speakers
 *To: CELE 2.6G/2.8G +\$29/\$69
 **Add LG 52XCDRW +\$33

AMD XP 2500+ \$379
 AMD XP 2500+ Barton*
 ASUS A7V8X-MX (w/AGP)
 256MB DDR 2700 RAM**
 64M ASUS Integrated Video
 Integrated Sound / Lan
 40GB/7200 HDD / 1.44MFD
 HITACHI 16x DVD ROM
 P4 350W Front USB Case
 Free Mouse,KB, Speakers
 *To: XP 2700+ +\$35
 **To: 512MB DDR RAM +\$50

INTEL P4 2.4GE \$459
 INTEL P4 2.4G/1MB CPU
 ASUS P4VP-MX(w/AGP)
 256MB DDR 2700 RAM
 32M ASUS Integrated Video*
 Integrated Sound / Lan
 40GB/7200 HDD** / 1.44M FD
 LG 52 x CDRW /Hitachi 16XDVD
 P4 350W Front USB Case
 Free Mouse,KB, Speakers
 *To:All R9200SE 128M +\$59
 **To: 80G/7200RPM +\$12

DISCOUNT for System Resellers! Specials!!!

Samsung 710V(500:1) 17" LCD \$499
 Windows XP Home Edition \$110
 MSI TV@NYWHERE \$65
 Logitech Cordless KB&Opt. MS \$62
 Logitech Cordless Keyboard \$19
 Logitech QuickCam Express \$29
 USB2.0 ENCLOSURE \$39
 Lexmark Z605(4800X1200) \$49
 Macafee 2004 V8.0 \$19

EXTREME GAMING \$622
 AMD XP 2800+ Barton*
 ASUS A7V8X-X**
 512MB DDR 400 RAM
 ATI Radeon 9200se/128M
 Integrated 6 Ch Sound / Lan
 80GB /7200 HDD/1.44M FD
 LG 4082B 8X DVD+/- RW
 450W FT USB Case /SubW Spks
 Free MultiMedia KB, Optical MS
 *To:AMD XP 3000+ Barton +\$36
 **To:A7N8X-X +\$19

BACK TO SCHOOL \$719
 INTEL P4 2.8G E-800/1M CPU*
 ASUS P4P800s(FSB800)
 512MB DDR 400 RAM **
 ATI Radeon9200se/128M
 Integrated 6 Ch Sound / Lan
 80GB/7200 HDD/1.44M FD
 LG 4082B 8XDVD+/- RW **
 450W FT USB Case /SubW Spks
 Free MultiMedia KB, Optical MS
 *To:INTEL P4 3.0G E +\$59
 **To: 1G DDR 400 +\$110

PERFORMANCE \$858
 INTEL P4 3.0G E-800 CPU*
 ASUS P4P800 SE(FSB800)**
 1G DDR 400 RAM
 ATI Radeon 9200se128M
 Integrated 6 Ch Sound / Lan
 120GB/7200rpm/8M HDD
 LG 4082B DVD+RW / 1.44M FD
 450W FT USB Case /SubW Spks
 Free MultiMedia KB, Optical MS
 *To: INTEL P4 3.2G C +\$79
 **To: ASUS P4C800-DELUXE +\$88

PLATINUM \$929
 AMD Athlon 64-3000 CPU*
 ASUS K8V SE DELUXE
 512M DDR 400 RAM **
 ATI Radeon 9600se128M
 Onboard 6Ch Sound / 1000M Lan
 120GB/7200rpm/8M HDD
 LG 4082B8XDVD+RW/1.44M FD
 450W FT USB Case /SubW Spks
 Free MultiMedia KB, Optical MS
 *To:AMD Athlon 64-3200 +\$79
 **To: 1G DDR 400 +\$99

NOTEBOOK

ECS G732XB \$1479
 P4-2.8G/40GB/512MB/15TFT
 CDRW+DVD/M/Lw/Li-Ion
 TOSHIBA Satellite A40 \$1369
 CELERON-2.7G/40GB/512MB/15TFT
 CDRW+DVD/M/Lw/Li-Ion/XP HOME
 IBM T20(Refurb by IBM) \$689
 P3-700M/10GB/128MB/14" TFT
 CD/M/L/Li-Ion/WIN 98 COA
 IBM A30(Refurb by IBM) \$789
 P3-933M/20GB/128MB/14" TFT
 CD/M/L/Li-Ion/WIN XP PRO COA

CRT / LCD MONITORS
 LG 700S 17" \$129
 PHILIPS 107T 17" FLAT \$150
 PHILIPS 109B 19" FLAT \$252
 SAMSUNG 793MB 17" \$155
 SAMSUNG 955DF 19" \$229
 BENQ FP557 15" \$379
 BENQ Fp731 17" \$479
 SAMSUNG 710V (500:1) \$499
 SAMSUNG 193V 19" \$699

HARD DRIVES
 40G/80G/120G(2M) \$63/75/109
 80G/120G/160G(8M) \$89/110/131
 80G/120G/160G(SATA) \$99/119/145
CDROM/DVD/CDRW
 LG 52X CDROM \$19
 HITACHI 16X DVD ROM \$24
 LG 52X32X52 CDRW \$33
 LG 4082B 8XDVD+/-RW \$88

SUPER DIAMOND 64 \$1468
 INTEL P4-530 3.0G CPU*
 ASUS P5AD2 DELUXE LGA775**
 OCZ 1G DUAL CHAN. DDR 400 RAM
 ATI RADEON 9600 256M VIDEO CARD
 High Definition Audio 8-channel CODEC
 MarvellR Gigabit LAN Controller
 Wireless G & B Network / Sony 1.44M
 SATA 120G/7200rpm/8M
 2 x 1394a ports @ 400 Mbps
 LG 4082B 8XDVD+/-RW
 500W NEON LIGHT CASE
 Logi. Cordless KB&Opt. MS.
 AlitecLansing 221 Subwoofer
 *To:INTEL P4-540 3.2G +\$79
 **To:ASUS P5AD2 Premium LGA775 +\$59

All prices are already 4% discounted for cash. Other form of payment are on regular prices. Prices and availability are subject to change without notice.



The Canadian perspective on gaming

Pick it up Free every month at Blockbuster

Shop Online

WWW.ESKynet.COM

Back To School Sale
@ WWW.ESKynet.COM**AMD3200****AMD2800****BEST VALUE 3.0****POWER 3.0****AMD ATHLON 64 3200+ (2.2GHz)**

with LG 15" LCD 1024x768 Monitor
with AMD64 Original Retail Fan & Cooler
ASUS K8V SE Deluxe AMD64 Motherboard
1GB (2x512MB) Dual Channel DDR400
WD 160GB 7200rpm 8MB Hard Drive
ATI Radeon 9550 256MB DVI TV-OUT
LG DVD Writer 8X DVD±R/W Drive (4082)
On-Board 3D 6-Channel Sound
0G 2.1 Sub-Woofers Speakers System
100/1000 Giga-Lan Network Controller
16" Tower Case + Enermax 350W Power
Optical Wheel Mouse USB &
Deluxe Multimedia Internet Keyboard
1.44MB Panasonic Floppy Drive

\$1599

with 8X DVD Burner & 15" LCD Monitor

AMD ATHLON 64 2800+ (1.8GHz)

with LG 17" FLAT CRT SVGA Monitor
with AMD64 Original Retail Fan & Cooler
ASUS K8V SE Deluxe AMD64 Motherboard
512MB PC3200 DDR400 Memory
WD 120GB 7200rpm 8MB Hard Drive
ATI Radeon 9200SE 128MB DVI TV-OUT
LG 52X CD-RW + 16X DVD-ROM Combo
On-Board 3D 6-Channel Sound
0G 2.1 Sub-Woofers Speakers System
100/1000 Giga-Lan Network Controller
16" Front USB Tower Case 350W Power
Optical Wheel Mouse USB &
Deluxe Multimedia Internet Keyboard
1.44MB Panasonic Floppy Drive

\$999

with AMD64 & 17" FLAT CRT Monitor!!!

Intel Pentium 4 3.0EGHz (1MB Cache)

with LG 15" LCD 1024x768 Monitor
Intel New Hyper-Threading Technology
ASUS P4P800SE Intel i865PE Mainboard
512MB PC3200 DDR400 Memory
WD 160GB 7200rpm 8MB Hard Drive
ATI Radeon 9200SE 128MB DVI TV-OUT
LG DVD Writer 8X DVD±R/W Drive (4082)
On-Board 3D 6-Channel Sound
0G 2.1 Sub-Woofers Speakers System
10/100 Network Card On-Board
16" Front USB Tower Case 350W Power
Optical Wheel Mouse USB &
Deluxe Multimedia Internet Keyboard
1.44MB Panasonic Floppy Drive

\$1289

with 8X DVD Burner & 15" LCD Monitor

Intel Pentium 4 3.0EGHz (1MB Cache)

Samsung 17" LCD 713V 1280x1024
Intel New Hyper-Threading Technology
Genuine Intel i865PERLX P4 Mainboard
1GB (2x512MB) Dual Channel DDR400
WD 160GB Serial-ATA 7200rpm HDD
ATI Radeon 9550 256MB DVI TV-OUT
LG DVD Writer 8X DVD±R/W Drive (4082)
Sound Blaster Live 5.1 Sound Card
0G 2.1 Sub-Woofers Speakers System
10/100 Network Card on-board
16" Tower Case+ Enermax 350W Power
Microsoft Optical Wheel Mouse &
Microsoft Multimedia Internet Keyboard
7-in-1 Card Reader + 1.44MB Floppy Dr

\$1699

with 8X DVD Burner & 17" LCD Monitor

Best-Value Configurations - Complete Assembled & Tested - Support by Our Professional Staff**3-YR WARRANTY ON CPU, MOTHERBOARD, HARD DRIVE & MONITOR; 1-YR WARRANTY ON OTHER PARTS**

add Microsoft Windows - XP Home \$129 or XP Pro \$199

2.6GHz Student System

Summer Sale
\$999

New! Intel Celeron D 330 (2.66GHz)

with 15" LCD 1024x768 LCD Display
Genuine Intel i865GFL P4 Mainboard
512MB PC3200 DDR400 Memory
WD 80GB 7200rpm 8MB Hard Drive
On-Board Intel Xtreme2 Graphics
LG 52X32X52X CDR/RW CD Writer
Combo Drive with 16X DVD-ROM
On-Board Sound & Sub-woofer Speakers
10/100 Network Card on-board
16" Front USB Tower Case 350W Power
Optical Wheel Mouse USB &
Deluxe Multimedia Internet Keyboard
1.44MB Panasonic Floppy Drive

NEW DVD Burner On SaleLG 4120B Double Layer **\$119**LG 8X GSA-4082B **\$ 99**Plextor 12X 712A **\$199**

Prices keep changing (lower), please check our web site for most updated prices.

**Digital Camera**

Best Price in Town

Canon A60 **2.0MP \$279**Canon A75 **3.2MP \$369**Canon A80 **4.0MP \$459****Toshiba A70-RT1 ON SALE \$1689**

P4-2.86GHz, 15.4" WIDE LCD, 40GB HD, 512MB DDR, CDRW+DVD, Modem, Network, Wireless-G, XPHome, 7.9lbs



SEE IT AT OUR SHOWROOM

Acer TM4001-WLCI Wide LCD \$1789

Intel Centrino 1.5GHz, 15.4" Wide LCD, 40GB HD, 512MB DDR, CDRW+DVD, Wireless-B/G Lan, XP Home, 6.5lbs

On Sale @ WWW.ESKynet.COM

Monitor	CD/DVD/CD-RW/DVD-RW
17" Samsung 710N-12ms LCD	LG 52x32x52x CD-RW \$ 42
19" Samsung 910T DIGITAL LCD	LG COMBO DVD + 52X CD-RW \$ 70
17" LG 7710BH FLAT CRT	PLEXTOR 12X DVD±RW 712A \$ 199
19" Samsung 997DF FLAT CRT	LG 16X DVD-ROM \$ 39
	SONY 16X DVD-ROM \$ 43
Motherboard	Networking
ASUS A7V600-X AGP8X for AMD	Linksys Wireless-G Networking Kit with
ASUS K8V SE Deluxe for AMD64	Wireless Router & Notebook Card \$125
ASUS P4S800 SIS P4	Linksys Wireless-B 4-port Router \$ 75
ASUS P4P800SE i865PE P4	Linksys Wireless-B USB Adapter \$ 72
ABIT IC7-MAX3 i875P P4	Linksys Wireless-B Compact Flash \$ 92
Hard Drive	Linksys Wireless-G 4-port Router \$ 95
40GB Maxtor ATA133 7200rpm 2MB	Linksys Wireless-G CARDBUS \$ 80
80GB Maxtor ATA133 7200rpm 2MB	Linksys Wireless-G USB Adapter \$ 85
80GB WD ATA100 7200rpm 8MB	D-Link Wireless-G 4-pt Router \$ 105
120GB WD ATA100 7200rpm 8MB	D-Link 4-port Wired Router \$ 52
120GB WD Serial-ATA 8MB cache	Trendware 8-Port 10/100 Switch \$ 29
160GB WD Serial-ATA 8MB cache	Aopen 10/100 PCI Network Card \$ 14
200GB WD Serial-ATA 8MB cache	
120GB Seagate Serial-ATA 8MB	
160GB Seagate Serial-ATA 8MB	
Video Card	Tower Case
ATI RADEON X800 256MB	16" Front USB 8-bay Tower w/350W \$ 40
ATI RADEON X800 256MB PRO	16" 8-bay Tower w/ Enermax 350W \$ 80
ATI RADEON 9200SE 128MB	Chenbro Xpider Gamer w/ 350W \$ 109
ATI RADEON 9550 256MB	NIKAO G3 Silver+Blue w/ 350W \$ 60
ATI RADEON 9600 XT 128MB	ANTEC SONATA Black w/ 380W \$ 140
ATI TV WONDER PRO w/ REMOTE \$ 139	ANTEC SUPER LANBOY Aluminum \$ 130
Firewire DV Video Capture Package \$ 39	ANTEC P160 Performance One \$ 169

For the complete price list, please visit

WWW.ESKynet.COM

Cash or Interac. Tax extra. Prices are already 3% cash discounted. No Refund. Prices are subject to change.

LCD CASH SALE

LCD SALE
LG 15" L1515S **\$399**
Benq 17" FP767 **\$519**
Samsung 17" 713V **\$519**
Samsung 17" 710T DVI **\$599**

MR.100
MP3 Player
FM Broadcast to Car Radio Adapter
\$39⁹⁵
or \$29 with any MP3 Player

FM Broadcast FM Radio USB Drive Voice Recorder

MR-100 FM 256MB	\$199
MR-100 FM 512MB	\$329
APACER BP300 256MB	\$128
Sorell SF-1100 128MB	\$149
SAFA M290F 256MB	\$189

TV Tuner & Video Capture Solutions!! Make Your Own Movie CD/DVD!!!

Leadtek Winfast TV2000XP Deluxe with Remote **\$ 88**
HAUPPAUGE WINTV-PVR250 **\$ 179**
Hardware MPEG2 encoder with Remote

WWW.ESKynet.COM

905.513.7072

Fax.905.943.4318

Email: shop@eskyenet.com

New Hours: Mon.-Fri. 11am to 8pm
Sat. & Sun. 11am to 6pm3255 Hwy. 7 East, Unit 62,
Markham, L3R3P9

Hwy 404 N.

Woodbine Ave.

HWY. 7 East

Two traffic lights east of Woodbine Ave. Next to Golf Town, inside the mall.

HOST with Confidence!

Web Hosting

from **\$6.95** /mo



Dedicated Server

from **\$149** /mo



Server Colocation

from **\$150** /mo



Web Hosting by dollarhost.com

- Linux and Windows Hosting
- Upto **1,000 MB** Web Storage
- Upto **20,000 MB** Data Transfer
- POP3 / IMAP / Webmail
- Email Aliases / Forwarding
- **Email Virus Scanning** by Symantec Carrier Scan Server™
- Multiple FTP accounts
- **MS FrontPage Extensions**
- **PHP / CGI / ASP / ColdFusion**
- **Database**
- E-commerce Ready
- SSL Secure Server
- Website Statistics
- Web-based Control Panel
- **Toll Free Phone and Email Support**
- **FROM ONLY \$6.95/mo.**

Domain Registration From US\$ 15/yr

- .com, .net, .org, .ca, .biz, .info
- free domain parking
- free "under construction" page.

Dedicated Server

Linux Server only \$149/mo

- Intel Celeron 1.7GHz
- **512MB RAM**
- 40GB Hard Drive
- **100 GB Monthly Data Transfers**
- Red Hat Linux Server
- **Ensim WEBpliance™ Pro** for Linux
- Web-Based Control Panel
- **Host Unlimited Domains**
- Setup Fee: \$149
- Monthly Fee: \$149

Windows Server \$249/mo

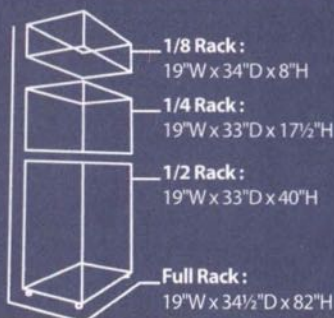
- Intel Celeron 1.7GHz
- **512MB RAM**
- 40GB Hard Drive
- **100 GB Monthly Data Transfers**
- **Windows Server 2003** Web Edition
- **Ensim WEBpliance™ Pro** for Windows
- Web-Based Control Panel
- **Host Up To 250 Domains**
- Setup Fee: \$249
- Monthly Fee: \$249

Server Colocation

- Private Server Cabinet
- **Fully Redundant BGP4 Network**
- **100MB/Sec Fast Ethernet Switched Port**
- UPS Backup Power
- Temperature Controlled Environment
- 24/7 Facility Access
- Online Traffic Reports
- Secure Facility with 24-Hour Monitoring
- Free Parking

Competitive Pricing

1/8 Rack	20GB Transfer	\$150/mo
1/4 Rack	50GB Transfer	\$300/mo
1/2 Rack	100GB Transfer	\$550/mo
Full Rack	200GB Transfer	\$995/mo



In2net provides you with fast, reliable web servers, shared or dedicated, professionally configured to perform strong and priced affordably. Our company has helped thousands of Canadian businesses and individuals establish their web presence since 1996.

In2net Performance Dedicated Servers come out-of-box ready to host websites. All hardware, software and bandwidth is included along with powerful graphical user interfaces for non-technical administrators to operate the server. For Hosting Providers, webmasters & individuals who need full control and customization - without the hardware investment costs. Order today and begin hosting tomorrow.

Web Hosting Solutions from DollarHost offers support for many popular applications at affordable prices.

Call in2net Today for More Info. 1-888-638-9963. www.in2net.com

in2net
network inc.

switch on the X5 along with a much smaller and lighter battery, the X30 has a maximum battery life of about 6.5 hours with the processor scaled back and the backlight set low. Add a wireless connection (in this case, Bluetooth) and the battery life drops to around 3.5 hours tops, which would be an obvious sticking point on longer trips.

Both Wi-Fi and Bluetooth can be turned off by hitting a small button on the bottom right of the device's face. The X30 also boasts a 624 MHz processor that can be automatically scaled back to 200 MHz when running on battery power.

HP iPaq h5550
\$899 www.hp.ca

The iPaq h5550 uses the same OS as the aforementioned X30 and has many of the same features (Wi-Fi and Bluetooth connectivity chief among them) but contains a more workable amount of storage space with 128 MB standard. It also has an interesting if superfluous (at least for most of us) biometric finger print reader for security.

On the upper-left side of the device, a non-configurable (at least without "hacks") rocker switch allows users to control the volume. It can prove handy but could have been put to much better use as a scroll switch or multi-function button. HP makes up for it somewhat with a multi-directional thumb button in the bottom centre of the device that clicks in, allowing for sometimes one-handed operation.

With a processor running at 400 MHz and with features that can be found in some less expensive Pocket PCs though, the value proposition becomes hazy.

Motorola V600 and Bluetooth headset
Phone: \$319.95 (without service provider incentives)
Headset: \$149.95

With an integrated VGA-resolution camera, Bluetooth connectivity and a Bluetooth headset as an option, the V600 proved itself a great pas-

senger on this particular road trip. Along the way, we uploaded a few pictures to a mobile weblog to keep anyone interested up to date on our progress. 17 hits and counting, though at least 10 of them came from yours truly.

Connecting with the Bluetooth headset was simple, requiring only one button press, after which, users can voice-dial, assuming the phone has been trained to do so.

The V600 is a quad-band "world phone" and while we didn't even venture outside of the province of Ontario, could be a good choice for business travelers who find themselves going to all corners of the world. A cool brushed aluminum battery cover and face plate along with concentric circles that flash user-customizable colours when a call comes in put the phone in the "geek chic" category.

Fujitsu Tablet PC LifeBook T3010
\$2363 (from \$US1799) www.fujitsu.com

Intel Centrino technology allowing for Wi-Fi connections without PCMCIA cards or similar along with a fairly small 11.5"(w) x 9.3"(d) x 1.1"(h) footprint and accordingly fairly low weight of 4.8 lbs combined with the fact that it can be used as a fully functional notebook computer or, with the screen flipped and locked down, a Tablet PC make the T3010 a worthy companion for a road trip. The 12.1 XGA screen helps keep the size and weight down and is still very functional while the 1.4 GHz Intel Pentium M processor, 256MB of RAM and 40GB hard drive put it in the category of lightweight desktop PC replacement.

Unfortunately, the T3010 ships without any kind of optical storage drive on-board (in keeping the size and weight down) and so wasn't as helpful as it might have been on the road.

I had planned to use this particular Tablet PC as our in-car navigation with the help of Belkin's USB Bluetooth adapter, but without an optical storage drive and with problems on the software side while trying to install various applications over my home network, it was relegated to email, Web browsing and word processing.

continued on page 10



While the T3010 is blessedly small and light, some extra suitcase space has to be set aside for an external optical drive.

Coleman Exponent Flex5
\$153.25 (from US\$115.95) www.icpsolar.com

Just as our plans for a long road trip were dashed, so were our plans to camp out (and hence, put the solar panel to the test) thanks in part to some strange weather patterns.

ICP Solar recently struck a deal with Coleman to supply branded solar solutions to the well-known name in camping. The result is a 5 Watt solar panel that is 28.5" long with four small banks of thin solar panels when extended but that folds down to about the size of a thin paperback book.

With four heavy duty grommets, one on each corner of the unfolded panel to attach to a backpack, kayak or similar and weighing in at about 250 grams, the Exponent solar panel makes a good companion in the backwoods for charging a digital camera, GPS system etc. when away from the city. In full sunlight, ICP's literature suggests that a digital camera will take four to six hours to charge and a cell phone three to five.

HP Photosmart R707 with docking station
\$549.99 www.hp.ca

The digital camera is likely the first gadget that comes to mind in vacation tech. As a consumer level digital camera, the HP R707 was a good choice for vacationing thanks to its feature set and its 5.1 megapixel resolution.

What sets the R707 apart from other cameras in its range is a very functional panorama mode that takes the guesswork out of shooting a panoramic sequence. After choosing panorama from the 10 shooting modes available, shutterbugs shoot the first picture, starting from the far left. The screen then shifts right, leaving a ghosted image in the right-most quarter of the screen which photographers use to line up the next shot in the sequence. The downside—as with just about all consumer tech that tries to make things as simple as possible—is that users can't exert terribly much control over their images and have to be satisfied with basic image composition in camera and basic image editing on the computer.

Olympus Stylus 410
\$499.99 www.olympus.com

With a sleek, compact design, weather proofing for going where other digital cameras fear to tread and simple, one-handed operation, the 410 proved itself a valuable addition on our road trip ... especially with the aforementioned strange weather patterns that dumped an unbelievable amount of rain during our short visit.

The 410 uses tiny xD cards for storage and is small enough to slip in to a shirt pocket while traveling. It also features a panoramic mode but one that requires a lot more guess work and much more work in image editing to stitch together a workable panorama.

At 4.0 megapixels and with a 3X optical zoom, the 410 is only really suitable for casual shutterbugs but was a good choice for our road trip thanks to its rugged design and small stature.

By Andrew Moore-Crispin



PRESENTS ITS Bi-Monthly
PHOTO SPREE

THE CHALLENGE: City Scapes

WIN!

LEXMARK X5250 ALL-IN-ONE

The all-new Lexmark X5250 All-In-One combines photo-quality printing, high-resolution scanning and colour copying in one compact device. Designed for Windows and Mac users, the X5250 offers borderless and six-colour photo printing capabilities, the fastest colour print speeds in its class, a 48-bit flatbed colour scanner, and one-touch photo copying — perfect for all your creative digital imaging needs.

LEXMARK



THE RULES: You must use a digital camera to capture the subject. Work can be submitted via email (contest@ppublishing.ca). Accompanying your photo should be the make and model of the camera you used, the names of any software you used to modify the image and, if possible, the f/stop and shutter speed you used to take the photo.

Submit your photographs, along with the information from the form below, by August 13th, 2004. You can submit up to three photographs, all of which must be accompanied by a submission form. Entries must be submitted via email. Files should be no bigger than 500 KB and no smaller than 300 KB. One photo per email.

Contest Rules: Prizes must be claimed by September 17th, 2004. Winners must provide valid identification upon claiming prize. The prizes awarded are not transferable and cannot be redeemed for cash. To enter and to be eligible to win, persons must be residents of Canada, and not employees or be domiciled with an employee of Piccolo Publishing, its affiliate companies, or advertising or promotional agencies. The winners will be selected by HUB on August 13th, 2004 from among all eligible entries received on or before contest close date. Winners will be contacted by telephone or email. In the event that they cannot be contacted within the first week following the contest another entrant will be selected. All entries become the property of HUB and may be used in subsequent advertisements for the contest. All entries must be submitted by their artist and must be original work.

HUB's Photo Spree contest form. All submissions must contain this information. Send to contest@ppublishing.ca

Deadline: August 13th, 2004
Name:.....
Address:.....
E-Mail:
Phone Number:.....

Age:
Occupation/School:.....
Title of Entry:
Camera Used:
Software Used:.....

When inspiration meets function, creative sparks fly.

Creative Combo

If you have a passion for digital photography, you will appreciate the total creative control the G400 Creative Combo offers. Take high quality pictures with the DiMAGE G400 4.0 megapixels camera and then print brilliant snapshots in seconds. It's easy. It's fast. And it's convenient. Get inspired today and then just plug, play and print your work of art.

The incredible G400 Creative Combo comes with Konica Minolta's high performance DiMAGE G400 digital camera, an Epson Stylus Photo R200 printer, glossy 4x6 and 8.5x11 photo paper, ArcSoft PhotoImpression Software v.5.0 and an additional USB cable. It has everything you need to go from click to print.

Use the G400 Creative Combo to capture and cherish those precious memories forever.



DiMAGE A2

Also don't forget to check out the DiMAGE A2 – the next generation SLR-type-camera with all the bells and whistles to make digital photography fun. Features include innovative 3D AF, anti-shake technology, 7x optical zoom, a super-fast shutter speed (1/14,000), and 8 megapixels of brilliant clarity. Konica Minolta digital cameras redefine style and photography.

40027022

Digital Photography Tutorial 7

Working with an image editor 3: FX

Virtually all image editors contain effects filters. These allow you to quickly change the appearance of your image in an endless number of ways. In fact, they are so easy to apply that the biggest challenge lies in using them without making your image look too cheesy.

Some filters allow you to change the appearance of your image, yet still have it recognizable as a photo. For example, a sepia tone filter (Paint Shop Pro filter illustrated) replaces the colours with a brownish tint for an antique photo look. Duotone filters achieve a similar end, but instead of sepia, you can choose any colour to be the underlying tint.

Some filters try to mimic traditional printmaking. For example, Paint Shop Pro's Posterize filter mimics poster printmaking techniques by reducing the colour palette and some of the detail of the original photo. Similarly, Photoshop's Cutout filter resembles silkscreen printing, where detail is reduced and shapes and texture are defined mainly with blocks of colour. Brush stroke filters mimic common media used by painters and sketchers. Most image editors offer you a selection of filters to simulate water-colour, oil, acrylic, pastel chalk, coloured pencil, pen and ink, charcoal, etc. Another type of filter works on the edges between colours or tones and manipulates them for unusual effects. Photoshop's Accented Edges filter creates the look of an oil or acrylic painting but Paint Shop Pro's Soft Plastic filter creates an effect that doesn't much look like any brush stroke.

Incidentally, the effects in the accompanying photos were applied with the default settings. With most filters you can change a number of variables, such as length of stroke, width of brush, and strength of effect so you can

create several distinct images even with one filter. If you are really into this type of photo manipulation, you might want to move out of a general image editor and into a specialized one. Arguably the most robust of these is Corel Painter 8.

Corel acquired Painter from a company called Metacreations in 2000. That company, when it was known as Meta Tools, also developed Kai's Power Goo, a tool that can be credited (or blamed) for the surge in computer-generated caricatures of humans and animals. Power Goo ended up as part of a low-end package called Photo Factory, but the effects revolution it started lives on as special distortion filters in most image editors.

For example, Photoshop has a tool called Liquify and Paint Shop Pro has a Warp brush (used to alter the horse's eye). Both allow you to distort a photo by tugging, stretching and smearing portions of it using your cursor. So, if you want to make logical Aunt Millie look like she has Vulcan ears or give Uncle Bill "who's always exaggerating" a Pinocchio nose, the tools to do so are at your command.

The last type of filter I want to briefly touch on doesn't alter the main image, but allows you to frame it with a mat or border, or finish it with a rough edge that makes it look as though the print were made using a traditional method of brushing the photosensitive emulsion onto paper. Most image editors now include a small selection of these kinds of frame effects. If you want more, check out a company called Autofx (www.autofx.com), which makes plug-ins that work with many image editors.

By David Tanaka



Effects used
Above, top row, left to right:
 Original, Paint Shop Pro Sepia filter,
 Paint Shop Pro Posterize filter
Above, second row, left to right:
 Photoshop Cutout filter, Photoshop Accented
 Edges filter, Paint Shop Pro Soft Plastic filter
Left, left to right:
 Original, Paint Shop Pro Warp filter

MEGA DEALS

TigerDirect.ca

888.222.7300

HOT DEALS!

The Best Computer Deals. Anywhere, Anytime.

EyeQ 3340Z 3.1 Megapixel

- 3.1 Megapixel • 3X Optical Zoom
- 4X Digital Zoom • SD Digital Media
- 1.5" TFT LCD

\$153⁹⁹

#C331-1006



4X DVD+RW Drive

- 4x412x DVD+RW
- 16x10x32 CDRW • IDE connection
- Easy setup—burn movies in minutes

\$91⁹⁹

#B145-2040



8-in-1 Media Card Reader

- USB 2.0
- Supports Compact Flash Type I and II, MicroDrive, MMC, SMC, SD, xD and MS

\$41⁹⁹

#L61-3348



802.11b Wireless PC Card

- 802.11b Compatible
- WiFi Certified
- 128-bit Encryption

\$27⁹⁹

#B700-1025P



BenQ PB6200 Projector

- 1700 Lumens
- XGA 1024x768
- Weighs just 5.6lbs

\$1959⁹⁹

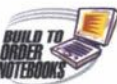
#B145-7100



Systemax Intel Centrino 1.5GHz Notebook



NEW!



- Microsoft Windows XP Home
- Intel Pentium M 1.50GHz Processor
- 512MB DDR Memory
- 20GB Hard Drive
- DVD-ROM / CD-RW Combo Drive
- 15" XGA TFT Active Matrix Display
- 4 USB 2.0 Ports
- Integrated 802.11g
- 56K v.90 Modem
- 10/100 Based T-LAN
- 1 Type II Slot
- Weight: 5.5 Lbs

\$1749⁹⁹

#B10-036121

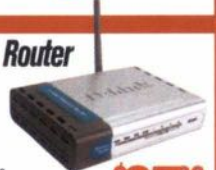
D-Link Router

11Mbps WIRELESS 802.11b

- Wireless 11Mbps Cable/DSL Router
- 1 10/100 WAN/ 4 10/100 LAN Ports
- Factory Recertified

\$27⁹⁹

#B700-2207P



1.44MB USB Floppy

Y-E DATA

- Ultra Slim Design
- Plug and Play
- Power Save Mode
- USB Powered—No external power needed
- Reads and writes to any 1.44MB Floppy

\$55⁹⁹

#Y26-1000



Sceptre X9g 19" LCD Monitor

- 19-inch LCD screen
- 700:1 Contrast Ratio
- 1280x1024 max. res.

\$671⁹⁹

#S197-1906



Systemax recommends Microsoft® Windows® XP



NEW!

Systemax Intel Pentium 4

- Intel Pentium 4 3.26GHz Processor w/HT Technology
- Microsoft® Windows® XP Professional
- 1024MB DDR PC2700
- 200GB 7200 RPM Hard Drive
- DVD±RW and DVD-ROM
- GeForce FX 5200 AGP Video Card w/128MB
- Onboard Audio
- 10/100 LAN and 56k Modem
- USB 2.0 and Firewire Ports
- Logitech Internet Keyboard and Optical Mouse
- Black Micro-Tower ATX Case w/300 Watt P/S



\$679⁹⁹

#SYX-P4-036097

Energizer 1000VA UPS

- RJ/11-RJ/45 Outlets
- 5-45 min. Run Time
- 1000VA/500 Watt
- 768 Joules
- 6 Outlets

\$111⁹⁹

#T157-4003



Samsung 710N-BLACK

- 1024x1024 Max. Resolution
- 12ms Response
- 500:1 Contrast

\$587⁹⁹

#S203-1708



Sharp LCD 17" Wide Screen

- 1280x768 Resolution
- TV Tuner Built-in
- 0.289mm dot pitch

\$769⁹⁹

#S339-1706



FX FX 5200 AGP Video Card

- nVidia GeForce FX 5200 Chipset
- 128MB DDR
- 8X AGP
- TV Output
- Max Res: 2048x1536
- 6.4GB Memory Bandwidth



\$97⁹⁹

#P450-8602

ULTRA 2-in-1 MP3 Player/128MB Flash Drive

- MP3 Playback
- 128MB Memory
- USB 1.1 compatible
- USB Flash Drive



\$97⁹⁹

#U10-2802

EPSON All-In-One Printer

- 22 ppm Black/ 11 ppm Colour
- Borderless Printing
- 48-bit Scanner
- Easy Photo Fix Software



\$279⁹⁹

#E17-3443

888.222.7300

CALL NOW!

BUY TODAY...IT SHIPS TODAY!

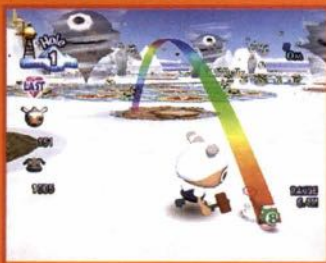
COMPUTERS, COMPONENTS AND MORE!

OR SHOP ONLINE: www.tigerdirect.ca/c REGISTER NOW FOR OUR E-MAIL DEALS NEWSLETTER!

Popular opinion states that you can't judge a book by its cover.

On checking out the game's cover art, gamers would likely conclude that RibbitKing is a little weird. On inserting the disc into their PS2 or GameCube, gamers will conclude that Ribbit King is, in fact, a lot weird.

The crux of this interactive entertainment gem is the game of golf, though played with frog sent sailing from a fair-ground-style frog launching pad when hit with a hammer. "Frolf" is the entirely appropriate name of the game. Developed and published by Bandai, RibbitKing has a distinctly Japanese flavour with simple but interesting characters and a very unique rule set and sort-of story line.



The first and most notable difference in frolf vs golf is that the ball is replaced with a frog; all other gameplay differences stem from this fact. Rather than shoot for par, players shoot for overall points. Each stroke costs points but extras on the course like point bubbles, spider web trampolines, flies and whirlpools award points if hit. These extras also open up the possibility for combos, which rack up points and can make your frog travel further as these gimmicks (as they're plainly called in the game) are chained together.

In-game graphics are saccharine sweet and simplistic. If anything, this adds to the game's Japanese style of whimsy. The inexplicable slowdown and framerate drops don't. Playing frolf is an amusing exercise that will keep gamers entertained for at least long enough to play each course, if only to see what the developers can come up with next. Once the novelty of playing a variation of golf using frogs wears off though, so does much of the game's charm and playability.

—Andrew Moore-Crispin

RibbitKing

Publisher/ Developer: Bandai

Good: -Budget price (\$29.99)
-Extremely unique
-Amusing characters and concept



Bad: -Fun factor minimal once the novelty wears off
-Almost too cute

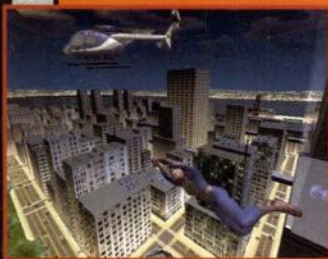


Final thought: Worth checking out, if only out of idle curiosity.

Spider-Man 2

Publisher: Activision Developer: Treyarch

Spider-Man 2 avoids the pratfalls of videogames as another avenue for movie merchandising. Treyarch, the developer, does an excellent job of putting gamers right into the action. First and foremost, a new style of swinging offers players the chance to control just about every move Spider-Man has at his command while web-slinging around town. That said, the intuitive control scheme makes it simple to pull off Spidey's moves.



Spider-Man's full abilities are unlocked as gamers progress; both swing speed and swing variations, fighting moves and aerial acrobatics grow with gamers familiarity.

While swinging around the beautifully designed metropolis, sound and visual effects like rushing wind and motion blur reinforce the sense of speed and up the immersion factor to near dangerous levels.

The story is divided into chapters with generally simple objectives like making it across town in time to meet Mary Jane, Dr. Octavius, a professor etc. or racking up "hero points" by stopping car-jackers in their tracks, intervening in armoured car robberies or recovering a snatched purse. Hero points activities are repetitive and gamers will quickly tire of helping out their fellow citizens. Thankfully, these interludes are brief and the objectives fairly simple to accomplish.

With plenty of ground to explore and challenges to undertake once the main quest is finished like various secret tokens hidden around the huge city for Spidey to find and web-slinging races against the clock, Spider-Man 2 delivers plenty of play time. Spider-Man 2 stands on its own merits—big budget movie backing or not.

—Andrew Moore-Crispin

Good: -Excellent swinging mechanics
-Not just a re-hash of movie events
-Long-lived with plenty of replay value



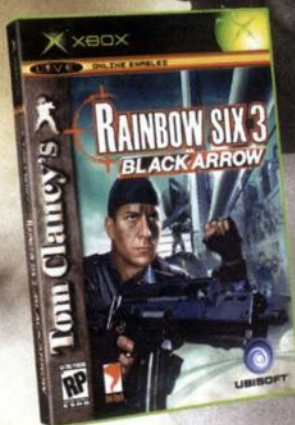
Bad: -Hero points activities painfully repetitive
-A couple of missions are too difficult



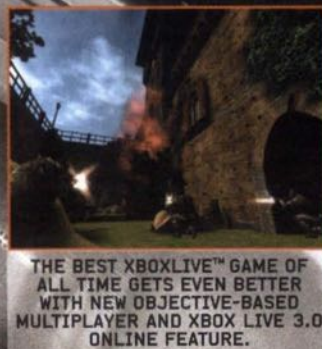
Final thought: Spidey's best video game appearance to date.

Tom Clancy's
RAINBOW SIX 3
BLACK ARROW

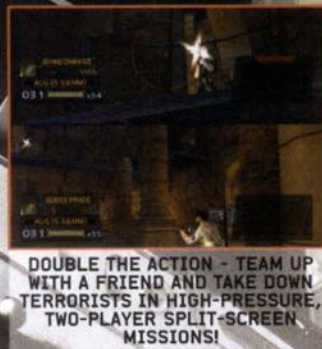
THE FOLLOW-UP TO
 THE SHOOTER OF THE YEAR*
 COMING AUGUST 2004



MORE ELITE THAN EVER - FIGHT ENHANCED AI TERRORISTS IN 10 NEW AND STUNNING SINGLE-PLAYER MISSIONS.



THE BEST XBOXLIVE™ GAME OF ALL TIME GETS EVEN BETTER WITH NEW OBJECTIVE-BASED MULTIPLAYER AND XBOX LIVE 3.0 ONLINE FEATURE.



DOUBLE THE ACTION - TEAM UP WITH A FRIEND AND TAKE DOWN TERRORISTS IN HIGH-PRESSURE, TWO-PLAYER SPLIT-SCREEN MISSIONS!

WWW.RAINBOWSIX3.COM



UBISOFT

40030122

©2004 Red Storm Entertainment. All rights reserved. Ubisoft, the Ubisoft logo, and the Ubisoft logo are trademarks of Ubisoft Entertainment in the U.S. and/or other countries. Rainbow Six: Black Arrow, Rainbow Six: Black Arrow, and the Black Arrow logo are trademarks of Red Storm Entertainment in the U.S. and/or other countries. Red Storm Entertainment, Inc. is a Ubisoft Entertainment company. Xbox, Xbox Live, the Xbox logo, and the Xbox logo are either registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. All other trademarks are the property of their respective owners.

*Rainbow Six 3 Xbox was elected Shooter Game of the Year 2003 by GMR, IGN, IGN.com and TeamXbox.



ExpressVu

Is your HDTV missing something?

So you got yourself a new HDTV. Good choice. But to enjoy your new toy to its fullest, you need the High Definition channels. No other TV service provider in Canada offers more HD channels than ExpressVu™. Sound good? Looks even better. See what you've been missing.



Bell is a proud sponsor of
the Canadian Olympic team.



Making it simple.™

Available at participating retailers:



AudioTRONIC

Dumoulin

FUTURESHOP



RadioShack.

1 866 857 2382
www.bell.ca/satellite
or visit a Bell World Store

Certain conditions apply. ExpressVu service is available to residential customers where visibility and line of sight permit. Signed term contract with valid photo identification and credit card required to open an account with ExpressVu. Additional hardware required. Installation charges may apply. ExpressVu is a trade-mark of Bell ExpressVu, L.P.

Official Mark of the Canadian Olympic Committee