## Going to work with an Osborne Personal Business Computer.



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The OSBORNE I® Personal Business Computer was designed, built, and priced with one objective: To make you more productive in your work, your business, or your profession *now*. The system is delivered with the hardware and software tools you need to go to work right away, on the jobs you do for hours every day. The tools are easy to learn, and fun to use. The OSBORNE 1 is easily affordable especially when you consider the benefits:

## Your investment in the OSBORNE 1 is really an investment in yourself.

It's an investment in your own *time*, because the OSBORNE I is going to save a lot of your time.

The OSBORNE 1 is an investment in your *output*, because the OSBORNE 1 lets you put the time you save from mundane tasks into creative, "get-ahead" tasks.

It's an investment in the *future*, because the OSBORNE I gives you tools to do new jobs. Jobs you simply could not consider before.

And it's an investment in your *effectiveness*, because the OSBORNE 1 handles all the details like accurate computations and error-free typing, so that your output is not only faster, it's better.

#### If you work with words. . . .

With WORDSTAR™ the OSBORNE 1 is transformed into a powerful, easy-to-use word processor that rivals dedicated word processing stations costing up to six times more.

You can type your ideas on the keyboard faster than you can hand-write or dictate them. What you see on the screen is what you get on the page. So it's easy to edit, correct, and polish your work—right on the screen. You can save your text on a floppy diskette, and recall it at any time for revision or review.

Everyone who tries WORDSTAR once finds it impossible to use a typewriter or write at length by hand again.

You save your time—and your secretary's—by eliminating redundant effort and mechanical typing. You achieve polished, finished text in less time than you're used to spending on rough drafts.

Your communications—letters, memos, reports, articles, copy, ideas—will improve dramatically. They'll take less of your time. They'll go out faster.

### If you work with numbers. . .

The OSBORNE 1 and SUPERCALC<sup>™</sup> replace your calculator, your paper, and your pencil with the speed and accuracy of a computer.

Remember the last worksheet you did by hand? Imagine: What if you didn't have to do ANY of the calculations yourself, with a calculator or adding machine? What if you could change any amount and instantly see the result?

That's the OSBORNE I with SUPERCALC, and it works as beautifully on a single column of figures as on a complex budget projection or scientific analysis. The screen of the OSBORNE 1 acts like a "window" that moves back and forth at your request over a spreadsheet of up to 256 rows and 64 columns. All the calculations, additions, footings and cross footings are *computer-accurate*. There are plenty of commands (including net present value and scientific notation), and the system is very flexible. You can save spreadsheets on diskette for later revision, or print them for reference.

If you make complex calculations, or if you go through repeated calculations (things like restated purchase lists or parts costs lists or accounting worksheets or budget projections), the OSBORNE 1 with SUPERCALC will triple your output.

#### If you know the BASICs. . . .

The OSBORNE 1 is delivered with two powerful BASIC dialects—MBASIC® and CBASIC®. Microsoft's MBASIC interpreter is perfect for quick problem solving. CBASIC is a businessoriented compiler-interpreter language designed for production of business applications systems. Taken together, you have a lot of BASIC capability for management or engineering problem solving.

#### CP/M<sup>®</sup>. Access to more software tools.

The industry-standard Control Program for Microcomputers is also the standard Control Program for the OSBORNE 1. Every month, new Osborne-approved software packages (selected from the

## ne means getting more done.

wealth of software written for the CP/M system) are released, for tasks ranging from electronic mail to data base management to proofreading, and more.

That means even more potential for increased productivity. And more ways to get a return on your productivity investment.

## Your productivity investment goes where you go.

Because the system is portable, you need never work without it. Anywhere. And you'll quickly find that you don't *want* to work without it.

An optional battery pack means you can work while travelling, or while in remote locations. And the small size of the OSBORNE 1 means it fits almost anywhere—under airline seats, in the back of a sportscar, or wherever you used to carry a briefcase.

## Access to networks. Communication with other computers.

Today, centralized computer networks are available that provide instant access to a world of information. That means access to the latest stock listings, electronic versions of major newspapers (and newspaper clipping files), electronic mail, and a host of other reference material.

Built-in communication connections let your OSBORNE 1 exchange information—from virtually any location—with other Osborne computers, with your computer printer, with your office, or with computers from other manufacturers.



### An end to technophobia.

All of us, to some extent, suffer from technophobia—the fear of technology. But when technology is delivered in a useful form, fears are forgotten.

Look around you. Digital hi-fi's, programmable coffee makers, automatic phone dialers. Kids in grade school are writing programs, and computers in cars are calculating fuel mixtures and remembering your favorite driving position.

Those who are grasping the tools of technology are moving forward faster. And technophobia is really just a fear of the unknown. A demonstration at your local authorized OSBORNE 1 dealer will quickly dispel any concerns you might have about using a computer. Just as quickly, you'll see why the OSBORNE 1 is the productivity investment that's changing the way people go to work.

For anyone who wants to get ahead. For anyone who doesn't want to be left behind.









# The OSBORNE 1 at a glance.

**Dual floppy disk drives.** Two  $5\frac{1}{4}$ " floppy disk drives provide 102,000 characters each of data storage, or about 60 pages of typed, doublespaced text.

**Diskette storage.** Uses interchangeable diskettes, providing infinite permanent information storage. Two compartments provide storage for up to 20 diskettes.

**RS-232C Interface.** Enables the OSBORNE 1 to connect with serial printers, or other devices using this popular industry-standard interface.

**IEEE 488 Interface.** Connects the OSBORNE 1 to the standard instrumentation bus, for data communication with test instruments.

Internal electronics. Z80A™

CPU, 64K bytes RAM memory (60K available to the programmer, 4K used to run the screen). System software is held in ROM in a separate address space. **Screen.** Clear, 5", 24-row screen displays a 52-character window on a 128-character line and features automatic horizontal scrolling.

**Monitor interface.** An interface is provided to allow connection of larger video displays.

**Keyboard.** A standard typewriter keyboard plus numeric, adding-machine keypad for fast entry, and cursor control keys for easy cursor movement.

**Case.** The plastic case snaps together to form a weather-resistant, 24-pound package that fits underneath the standard airline seat.

TRADEMARKS: Z&0, Zilog Corporation • SUPERCALC: Sorcim Corporation • WORDSTAR, MicroPro International Corporation of San Rateel, California, USA

RECISTERED TRADEMARKS: OSBORNE I Osborne Computer Corporation • CP.M. Digital Research • MBASIC Microsoft • CBASIC Compiler Systems, mc • MAILMERGE MicroPro International Corporation of San Rafael, California, U.S.A.

## OSBORNE 1 Standard Features.

### Standard Hardware:

- Z80A<sup>™</sup> CPU with 64K RAM.
- Dual floppy disk drives with 102K bytes storage each.
- 5'' CRT.
- Business keyboard with numeric keypad and cursor keys.
- RS-232C Interface.
- IEEE 488 Interface.
- Weather-resistant, portable housing.
- Operates on European and American voltages.

### Standard Software:

- CP/M<sup>®</sup> Operating System.
- WORDSTAR<sup>™</sup> word processing with MAILMERGE<sup>®</sup>
- SUPERCALC<sup>™</sup> electronic spreadsheet.
- CBASIC<sup>®</sup> programming language.
- MBASIC<sup>®</sup> programming language.

## OSBORNE1Optional Extras.

- Battery pack for one hour of processing.
- Double-density disk drive with 204K bytes of storage per drive.

