EMC²

Data Sheet

Symmetrix 5200-9M ICDA®

Symmetrix 5200-9M ICDA

Medium-capacity mainframe storage system.

The highest availability and performance solution for medium-level storage requirements.

1. *Industry-leading Symmetrix™ 5000 performance*
   - *Up to 4GB cache*
   - *High speed multi-bus architecture*
   - *100% write caching*
2. *Fully Mirrored data storage*
3. *34 to 136GB of storage capacity*
4. *Full Symmetrix 5000 functionality*
   - *Hyper-Volume Extension*
   - *Symmetrix Backup Restore Facility*
   - *Multi-Subsystem Imaging*
5. *Easy implementation*
   - *Operating system independence*
   - *3380 and/or 3390 disk emulation*
   - *Parallel and/or ESCON® or Open Systems connectivity*
6. *Minimized cost of ownership*
   - *Smallest footprint*
   - *Lowest power and cooling requirements*
   - *Extended warranty*

Technical Specifications

Configuration Data

Model Number	Physical Volumes*	Capacity (Mirrored)	Minimum Cache**	Channels*** Min.	Channels*** Max.	Concurrent Host I/Os
5200-9M08	16	34GB	768MB	4	16	up to 4
5200-9M10	20	51GB	768MB	4	16	up to 4
5200-9M12	24	68GB	768MB	4	16	up to 4
5200-9M14	28	102GB	1,024MB	4	16	up to 4
5200-9M16	32	136GB	1,024MB	4	16	up to 4

* Hyper-Volume Extension can increase the number of logical user volumes to 256, maximum.
** Maximum cache for all models is 4,096MB. Cache increment is 256, 768, or 1,024MB.
*** Mixed ESCON and parallel channel configurations are supported.

Disk Emulation

	3380K	3390-1	3390-2	3390-3	3390-9
MB/Volume	1,890	946	1,892	2,838	8,514
Bytes/Track	47,476	56,664	56,664	56,664	56,664
Bytes/Cylinder	712,140	849,960	849,960	849,960	849,960
Cylinders/Volume	2,655	1,113	2,226	3,339	10,017

Hyper-Volume Extension (HVE) Disk Capacity

User Cylinders*, 3380 Emulation	11,723
User Cylinders*, 3390 Emulation	10,136

* User Cylinders represent the total number of physical cylinders available for user volumes in 3380 and 3390 emulation modes. The number of cylinders available for user data will depend on the emulation type selected and the number of logical volumes on that device.

Physical Specifications (all models)

Height (in/cm)	73.6/187.0
Width (in/cm)	24.3/61.6
Depth (in/cm)	36.4/92.5
Service Clearance (in/cm)	
Front	36.0/91.5
Rear	36.0/91.5
Weight (lb/kg)*	
5200-9M08	1,341/608
5200-9M10	1,370/621
5200-9M12	1,398/634
5200-9M14	1,427/647
5200-9M16	1,455/660

* Values represent maximum figures for each model.

Power and Cooling Data

Model Number	Power Consumption (kVA)*	Heat Dissipation (Btu)*
5200-9M08	1.96	6,690
5200-9M10	2.13	7,270
5200-9M12	2.30	7,850
5200-9M14	2.47	8,430
5200-9M16	2.65	9,000

* Values represent maximum figures for each model.

Power Specifications

	North America	International
Input Voltage (VAC)	180 - 264	Country Specific
Frequency (Hz)	50/60, single phase	Country Specific
Circuit Breaker (A), max.	30	Country Specific
Power Connector	Russelstoll® 3750DPG	Country Specific
User Connector	Two Russelstoll 3933	Country Specific
Auto-Call Modem Requirements	The Auto-Call modem requires connection to a 110VAC power source at 60Hz through a NEMA 5-15R receptacle. International installations are country specific.	

Environmental Specifications (operating)

Temperature (°F/°C)	59 - 90/15 - 32
Altitude (ft/m)	8,000/2,500
Humidity (%), non-condensing	10 - 80

Symmetrix 5200 Symmetrix 5500

Symmetrix 5100

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THE STORAGE ARCHITECTS

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For more information.

Find out how the Symmetrix 5200-9M can increase the value of your information processing. Contact your EMC sales representative or authorized distributor today. Or call EMC directly at 1-800-424-EMC2.

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