

Symmetrix 5100-9 ICDA

Entry-level capacity mainframe storage system.

**The highest performance and availability for
entry-level storage requirements.**

Data Sheet

Symmetrix 5100-9 ICDA®

- 1 *Industry-leading Symmetrix® 5000 performance*
 - Up to 2GB cache
 - High speed multi-bus architecture
 - 100% write caching
- 2 *Scalable data availability options*
 - Mirroring
 - RAID-S
 - Symmetrix Remote Data Facility
- 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 *Minimum cost of ownership*
 - Smallest footprint
 - Lowest power and cooling requirements
 - Extended warranty



Technical Specifications

Configuration Data

Model Number	Physical Volumes*	Mirrored Capacity	RAID-S Capacity	SRDF Capacity	Minimum Cache**	Channels*** Min. Max.	Concurrent Host I/Os
5100-9008	8	34GB	51GB	68GB	512MB	4 8	2 or 4
5100-9012	12	51GB	76GB	102GB	512MB	4 8	2 or 4
5100-9016	16	68GB	102GB	136GB	512MB	4 8	2 or 4

* Hyper-Volume Extension can increase the number of logical user volumes to 128, maximum.

** Maximum cache for all models is 2,048MB. Cache increment is 768MB.

*** 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)	42.0/106.7
Width (in/cm)	21.0/53.3
Depth (in/cm)	36.0/91.5
Service Clearance (in/cm)	
Front	36.0/91.5
Rear	36.0/91.5
Weight (lb/kg)*	
5100-9008	653/297
5100-9012	682/310
5100-9016	710/323

* Values represent maximum figures for each model.

Power and Cooling Data

Model Number	Power Consumption (kVA)*	Heat Dissipation (Btu)*
5100-9008	1.39	4,731
5100-9012	1.51	5,151
5100-9016	1.63	5,571

* Values represent maximum figures for each model.

Power Specifications

	North America	International
Input Voltage (VAC)	200 - 240	Country Specific
Frequency (Hz)	50/60, three phase	Country Specific
Circuit Breaker (A), max.	20	Country Specific
Power Connector	Russelstoll® 3720	Country Specific
User Connector	Russelstoll 3913 (flex) Russelstoll 3743 (rigid)	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

EMC²
THE STORAGE
ARCHITECTS

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For more information.

Find out how the Symmetrix 5100-9 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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