DELL AX4-5 STORAGE ARRAY

Combining simplicity and scalability, the Dell™ AX4-5 storage arrays deliver performance, expandability, and advanced data management features in a single, easy-to-use storage solution.

SIMPLE, SCALABLE, AND AFFORDABLE

The AX4-5 arrays combine easy-to-use features with the scalability of advanced storage arrays. The AX4-5 can support up to 64 hosts and up to 60 drives across four expansion enclosures to provide the headroom that will keep up with your data growth.

FLEXIBLE CONNECTIVITY AND TIERED STORAGE TO MEET YOUR NEEDS

The AX4-5 enables organizations to choose a network interconnect that is right for their environment. AX4 iSCSI arrays support cost-effective 1Gbit IP networks, while Fibre Channel arrays utilize high-performance 4Gbit connections. The AX4-5 can also easily mix 2.5" SAS drives for cost/GB and power consumption considerations, 3.5" SAS drives geared for performance with capacity and SATA drives that deliver cost-effective capacity. The AX4-5F now supports 4 FC ports per controller, which enables more directly connected hosts, potentially eliminating the need for a FC switch.

EXCEPTIONAL DATA AVAILABILITY AND RELIABILITY

The AX4-5 has inherited many of the advanced software capabilities that have been available on the more advanced Dell/EMC CX arrays. Its controllers provide end-to-end data integrity as well as continuous background disk consistency checking.

EASE-OF-USE FOR SIMPLE DEPLOYMENT AND MANAGEMENT

The AX4-5 comes with Navisphere® Express, an intuitive user interface that simplifies installation and operation and allows users to allocate new capacity in seconds.

OPTIONAL ADVANCED MANAGEMENT AND DATA REPLICATION SOFTWARE

The optional Navisphere® Manager Suite can help meet the needs of growing and distributed organizations. Users can manage multiple Dell/EMC arrays from a single console. EMC® SnapView™ offers point-in-time snapshots and full-volume copies of critical data. For Fibre Channel models, EMC® MirrorView™ and SAN Copy™ enable data replication and migration between arrays.

DELL SIMPLIFIES IT SERVICES

Dell takes a customer-led approach, grounded in the philosophy that you know your business better than anyone. Dell offers services from infrastructure consulting and deployment to enterprise support.

Array Overview	DELL AX4-5 STORAGE ARRAY OVERVIEW
Base Models	AX4-5F with single or dual Fibre Channel controllers AX4-5I with single or dual iSCSI controllers
Maximum Cache	2 GB on dual controller models 1 GB on single controller models
RAID Levels	1/0, 3, 5, 6
Supported Servers	All dual and quad socket Dell™ PowerEdge™ servers; variety of Compaq®, HP®, IBM® and SUN® servers as validated by EMC®
OS Support	Microsoft® Windows® 2000 Server, Windows Server® 2003, Windows Server 2008, Linux®, Solaris™,VMware®, AIX, HP-UX, and limited Netware® support
Number of Supported Hosts	AX4-5F: Up to 8 hosts directly connected; up to 4 HA hosts directly connected, AX4-5I: Up to 4 hosts directly connected; up to 2 HA hosts directly connected; Both models: Up to 64 HA hosts connected in a SAN
Front End Connectivity	AX4-5F: four 4Gbit Fibre Channel ports / controller (up to two controllers per array) AX4-5I: two 1Gbit iSCSI ports / controller (up to two controllers per array)
Disk Drives	
Number of Disks	Each disk processing enclosure supports 12 drives Each disk expansion enclosure supports 12 drives Up to 4 expansion enclosures can be supported per array Up to 60 drives in the storage array
Drive Interface	Dual ported SAS with one 4X SAS expansion port per controller
Drives Available*	3.5" 15K RPM SAS drive, 3.5" 10K RPM SAS drive, 3.5" 7.2K RPM SATA 3 GB/s drive, 2.5" 10K RPM SAS drive
Array Software	
Integrated Software	Navisphere® Express Management Utility EMC® PowerPath® for path failover for continuous data access and load balancing Integrated snapshot capability
Optional Software	Navisphere® Manager Navisphere® Analyzer SnapView™ for point-in-time copy MirrorView™ (Fibre Channel only) for remote mirroring SAN Copy™ (Fibre Channel only) for data migration between arrays

	AX4-5 DPE	AX4-5 DAE	Standby Power
Dimensions			
Height	2U	2U	1U
Width	17.5 in. (44.45 cm)	17.5 in. (44.45 cm)	17.5 in. (44.45 cm)
Depth	20 in. (50.8 cm)	20 in. (50.8 cm)	24 in. (70 cm)
Weight	61 lb. (27.7 kg) max.	54 lb. (24.5 kg) max.	47 lb. (21.4 kg)
Operating Environment			
Power	450W	360W	20W
Heat Dissipation	1535 BTU/hr	1228 BTU/hr	21 BTU/hr
Operating Temperature	50°-104°F (10°-40°C)	50°-104°F (10°-40°C)	50°-104°F (10°-40°C)
Humidty	20-80% non-condensing	20-80% non-condensing	20-80% non-condensing
Altitude 8,000 ft	104°F (40°C) max.	104°F (40°C) max.	104°F (40°C) max.
Altitude 10,000 ft	98.6°F (37°C) max.	98.6°F (37°C) max.	98.6°F (37°C) max.

*Visit www.dell.com/emc for full list of supported drives

SIMPLIFY YOUR NETWORK AT DELL.COM/EMC