



cube/15

Enterprise Class, Mission Critical, High Availability Fibre Channel Storage Solution.

The cube/15, from Data Assurance Technology Associates, is an open system Fibre Channel RAID solution that provides up to 2 Terabytes per cabinet. The 15-bay drive cabinet can be rack mounted (3U) or configured as a stand alone tower. The cube/15 has been designed for mission critical situations that require 99.999% uptime; transactional finance, medical imaging, oil & gas, satellite telemetry and storage area networks (SAN).

From hot-swappable fibre channel drive canisters, to removable fibre channel I/O modules, the cube/15 was built with redundancy in mind. The dual controller and dual I/O modules can be individually hot-swapped in case of a failure without interrupting the data stream. In addition, quad blower motors, abnormal temperature indicators and SES management make this solution completely fault-tolerant and highly available.

Open systems software adds several features and options that enhance and expand the capabilities of the cube/15 solution. Some of these features include remote mirroring, disk to disk (D2D), disaster recovery and storage over IP. With tight integration of hardware and open systems software, the cube/15 is the most cost effective, reliable, scalable solution for your Enterprise class storage needs.

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Specifications

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Integrated System Hardware:

- 15-bay Desk Top or Rackmount Enclosure
- Single or Dual Embedded RAID Controller
- One or Two 1G Fibre Channel Host Connections (2GB Host Connections Available Q3/2002)
- Two 2G Fibre Channel Drive Connections
- 128MB, 256MB, or 512MB Cache Memory
- Cache Battery Backup
- Ten to Two Hundred Fifty-four 1" HDD Canisters

Features:

- Support for RAID 0, 1, 3, 5, 10, 30 50 and JBOD
- 144GB to 28TB Capacity
- Hot Swappable HDDs
- Dual Hot Swappable Power Supplies
- Dual Hot Swappable Blowers
- 1G Fibre Channel Host Support (2G Host Support Available Q3/2002)
- 2G Fibre Channel Disk Support
- Up to 200MB Throughput
- Disk Array Software to Create and Manage RAID Arrays
- Dedicated or Global Spare Drive Support
- Online Capacity Expansion
- Online RAID Level Migration
- Complete Disk Array Migration

O/S Support:

- Windows NT 4.0
- Solaris 2.5, 2.6, 2.7, 8
- Solaris x86
- Windows 2000
- Red Hat Linux 6.x
- Novell 4.x/5.x
- Irix 6.x
- MAC OS 8,9,10
- True64 UNIX v5.x

HDD Manufacturer Support:

- IBM
- Quantum
- Seagate
- Hitachi
- Fujitsu

Warranty:

- 3 Year
- On-Site 5x9 (optional)
- On-Site 7x24 (optional)

Rackmount Specifications:

Dimensions/Weight

Unit Weight	40 lbs. (18.2kg)
Height	5-1/4" (3U) (133mm)
Width	19" (483mm)
Depth	23" (584mm)

Power Supply (Each includes internal cooling fan)

Quantity:	2
Power:	450 Watts each (N+1)
Input:	100-260 VAC; 50-60Hz
Output:	+5V @ 35A +12V @ 30A

Blower

Quantity:	4 (2 per cannister)
Size:	97mm (3.82") each
Air Flow:	25.42CFM (0.72m3/min) each
Noise:	52dB(A)

Tower Specifications:

Dimensions/Weight

Unit Weight	43 lbs. (19.5kg)
Height	20-1/2" (521mm)
Width	9-5/8" (235mm)
Depth	24" (610mm)

Power Supply (Each includes internal cooling fan)

Quantity:	2
Power:	450 Watts each (N+1)
Input:	100-260 VAC; 50-60Hz
Output:	+5V @ 35A +12V @ 30A

Blower

Quantity:	4 (2 per cannister)
Size:	97mm (3.82") each
Air Flow:	25.42CFM (0.72m3/min) each
Noise:	52dB(A)

Enterprise