



cube/i4, cube/i15, cube/i15e

2GB Fibre Channel PCI RAID Solutions for the Desktop, Workgroup or Enterprise

With today's ever increasing demands on storage capacity, you may not think that you can afford a robust, fault-tolerant, 2GB fibre channel enterprise storage solution. With Cube RAID, Data Assurance Technologies has created affordable and efficient ways to take advantage of those enterprise capabilities.

Cube RAID takes advantage of our industry-proven storage enclosures and combines them with Intel's 2GB fibre channel PCI RAID controller. Cube RAID solutions can initially range in size from gigabytes to terabytes. By adding more Cube RAID enclosures, systems can be scaled simply and easily. All features are easily controlled through the host PC (NT, Sun, Linux and UNIX O/S's) with the provided software.

The Cube RAID systems are a perfect solution for anyone that needs a fast, robust and affordable RAID solution for their desktop, server or enterprise storage environment.

Cube RAID solutions are currently available in three different packages:

cube/i4 – *Perfect for Video Applications*
4 Drive, RAID 0-1, 210MB/Sec Sustained

cube/i15 – *Perfect for Database, Web and Network Applications*
15 Drive, RAID 0-5, 250MB/Sec Sustained

cube/i15e – *Perfect for Financial, Medical and Network Application*
45+ Drive, RAID 0-5, 180MB/Sec Sustained



cube raid

Cube RAID



Specifications

cube/i4

Integrated System Hardware:

- One 2GB Fibre 4-bay Desk Top Enclosure
- One Intel PCI Dual Port 2GB Fibre RAID Controller
- Four Seagate 2GB Fibre HDD (36GB or 73GB each)

Features:

- Support for RAID 0 and 1
- 144GB to 292GB Capacity
- Hot Swappable HDDs
- 2GB Fibre Channel Support
- 210MB Sustained Throughput
- Online Capacity Expansion
- Online RAID Level Migration
- Complete Disk Array Migration

Physical Specifications:

Dimensions/Weight

- Unit Weight 19.7 lbs. (9.0kg)
- Height 11-1/2" (292mm)
- Width 7-3/4" (197mm)
- Depth 12-1/2" (316mm)

Power Supply

- Quantity: 1
- Power: 300 Watts
- Input: 115-230 VAC; 50-60Hz (auto-switching)
- Output: +5V @ 20A
+12V @ 17A

Blower

- Quantity: 1
- Size: 125mm (4.92") each
- Air Flow: 27.2CFM (0.76m3/min)
- Noise: 51dB(A)

Desktop

cube/i15

Integrated System Hardware:

- One 2GB Fibre 15-bay Desk Top or Rackmount Enclosure
- One Intel PCI Dual Port 2GB Fibre RAID Controller
- Fifteen Seagate 2GB Fibre HDD (36GB or 73GB each)

Features:

- Support for RAID 0, 1 and 5
- 500GB to 1TB Capacity
- High Availability through use of redundant components.
- Hot Swappable HDDs
- Hot Swappable Redundant Power Supply
- Hot Swappable Redundant Blowers
- 2GB Fibre Channel Support
- 250MB Sustained Throughput
- Online Capacity Expansion
- Online RAID Level Migration
- Complete Disk Array Migration

Physical Specifications:

Dimensions/Weight

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

Power Supply (Each power supply includes internal cooling fan)

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

Blower

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

Workgroup

cube/i15e

Integrated System Hardware:

- Two, Four or Six 2GB Fibre 15-bay Rackmount Enclosures
- One Intel PCI Dual Port 2GB Fibre RAID Controller
- Thirty, Sixty, or Ninety Seagate 2GB Fibre HDD (73GB each)
- Optional 44U Rack

Features:

- Support for RAID 0, 1 and 5
- 2TB to 6TB Capacity
- High Availability through use of redundant components.
- Hot Swappable HDDs
- Hot Swappable Redundant Power Supply
- Hot Swappable Redundant Blowers
- 180MB Sustained Throughput
- 2GB Fibre Channel Support
- Online Capacity Expansion
- Online RAID Level Migration
- Complete Disk Array Migration

Physical Specifications:

Dimensions/Weight

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

Power Supply (Each power supply includes internal cooling fan)

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

Blower

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

Enterprise