

**Subsystem Characteristics**

RISC CPU	
ASIC 400 RAID Engine	
Up to 2GB cache per controller	
FC SFP ports	12 or 8
LCD keyboard panel	1
BBU (per controller)	1
Default DDR cache memory (per controller)	512MB
10/100 Ethernet port (per controller)	1
COM ports (per controller)	2
PSUs	2
Cooling modules	2
Diagnostic LEDs on all FRUs	

**RAID Configurations**

RAID levels 0, 1(0+1), 3, 5, 6, 10, 30, 50, 60
Up to 32 logical drives (varied by memory size)
Up to 1024 LUNs (varied by memory size)
Multiple array configurations
Background rebuild/scan/initialization

**Host Connection Ports**

Data single path bandwidth	4Gb/s
Tag command queuing	256
SFP ports (optical Fibre)	12

**Drive Interface**

4G FC or SAS multi-lane (FF)
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**High Availability**

Redundant, hot-swappable FRUs
Subsystem self-diagnostics
Li-Ion battery backup unit
UPS status detection
Cluster ready

**Storage System Features**

Single/Dual Redundant Hot Swappable Controller
RAID levels 0, 1(0+1), 3, 5, 6, 10, 30, 50, 60, NRAID
Up to 32 logical drives (varied by memory size)
Up to 1024 LUNs (varied by memory size)
On-line RAID expansion
Multiple RAID sets
Multiple LUNs
UPS status detection
Cluster ready
Hot swap disk drives
Background rebuild/scan/initialization
Global hot spare disks
Automatic drive failure detection and rebuild
Automatic reallocation of bad sectors
Dual-Redundant, Hot Swappable Components
LUN Masking
Synchronized Cache between controllers
Cache Battery Backup

**Management**

In-band	Yes
Out-of-band	Firmware-embedded utility over RS-232; Java-based RAIDWatch manager over an integrated Ethernet port
Software	RAIDWatch: Java-based, OS independent; sub-modules include Event Monitor, a monitoring utility running independently

**Operating System Support**

Microsoft Windows 2000 Server/2003 Server
Sun Solaris ver. 9/10
Red Hat Linux ver. 8/9, 64bit, Enterprise ver. 3
SuSE: Linux ver. 8/9, 64bit
Fedora 64bit
MAC OSX Version 10.4

**Dimensions/Requirements**

With handles: 1U - 17.4" x 1.7" x 21.3"
AC Input: 100 ~ 240VAC 250W with PFC
DC Output: 12V-16A; 5V-25A; 3.3V-20A