

RAZOR



Subsystem Characteristics

Single or Dual Controller	
ASIC400 RAID engine	
Up to 2GB cache per controller	
4G FC or 3Gb SAS host ports	4 dual controller or 2 single controller
LCD keypad 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

Disk Interface

No. of disk trays	12
3Gbps SAS	
Drive-side enclosure service	
SAS multi-lane expansion port (per controller)	1

Host Connection Ports

Data single path bandwidth	12Gbps SAS or 4Gbps Fibre Channel
Tag command queuing	256

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

Management

Browser- or Java-based SANWatch software
 Terminal via RS-232C
 Telnet over Ethernet
 LCD keypad panel
 Event notification methods:
 Email/Fax/LAN broadcast/SNMP traps/SMS/MSN

OS 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

With chassis ears/protrusions:
 19 x 1.71 x 19.7 inches
 Without chassis ears/protrusions:
 17.5 x 1.71 x 19.6 inches

System Weight

Gross weight-20.42kg
 Net weight-13.36kg

Relative Humidity

5% to 95% non-condensing
 Operating Temperature:
 0°C to 40°C (without BBU)
 0°C to 35°C (with BBU)

Temperature

0° to 35°C (32°F to 95°F, if BBU is applied)
 Non-operating: -40° to 60°C (-40°F to 149°F)

Altitude

Operating: 3,658m (12,000 ft.)
 Non-operating: 12,192m (40,000 ft.)

Shock (half-sine)

Operating: 5G, half-sine, 11ms pulse width
 Non-operating: 15G, half-sine, 11ms pulse width
 Package: 60G, half-sine, 11ms pulse width

Vibration

(Random)
 Operating: 5 to 500Hz, 0.25Grms, X/Y/Z Sine
 Non-operating: 5 to 500Hz, 1.88Grms, X/Y/Z Sine

 (Sine)
 Operating: 5 to 500Hz, 0.2Grms, X/Y/Z Sine, 30min/ sweep
 Non-operating: 5 to 500Hz, 1.0Grms, X/Y/Z Sine, 30min/sweep

Acoustic Noise

65dBA boundary, 60dBA normal

Electrical

Input Voltage 115VAC @ 6A
 230VAC @ 3A with PFC (auto-switching)

 Frequency 47 to 63Hz
 Power Consumption 380W (max.)