

RAIDFLEX™ A6312

Open Server Appliance



RAIDFLEX A6000 Open Server Appliances are designed for compatibility with the widest possible range of operating systems without compromising reliability. They feature high quality industry standard components including redundant and hot swappable power supplies and cooling fans, and modular SAS / SATA backplanes which are designed to accommodate both SAS and / or SATA drives.

Disk connectivity between the motherboard and the disks' backplane is achieved through optional SAS and SATA HBAs or RAID controllers, allowing either software or hardware RAID functionality.

APPLICATIONS

- Database Server
- Nearline Storage
- Virtual Tape Library
- NAS and / or iSCSI

STANDARD FEATURES

- High Quality Dual Xeon motherboard
- Two Dual Core Xeon 1.6GHz CPUs
- 2GB Fully Buffered SDRAM
- Dual GbE Network Interface

A6312 FEATURES

- Lockable front bezel
- 12 x External hot swap drive bays
- 3U rackmount with rails
- Power and system reset switches
- Hard drive and LAN activity LEDs
- Front access USB port
- One slim CD-ROM
- One external 3.5" drive bay
- One internal 3.5" drive bay
- One external 5.25" drive bay
- Five hot-swap middle fans
- Two easy-swap rear fans
- Hot-swap redundant power supply



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SPECIFICATIONS

MODEL: A6312		Drive Bays:	External	5.25"	1
Material: heavy-duty cold-rolled steel				3.5"	1
Finish	Body zinc chromate			3.5" Hot Swap	12
	Front texture coat			2.5" Hot Swap	0
Dimensions	3U mm:482.6 x 691.5 x 132.5		Internal	3.5"	1
	3U inches: 19 x 27 x 5.25			2.5"	0
Cooling	Middle: 4 x 40x28mm + 3 x 80x32mm easy-swap fans		Slimline Optical		1
	Rear: 2 x 60x25mm easy-swap		Slimline Floppy		0
Power	460W, 650W, 800W or 950W, 2+1 hot-swap redundant PFC		Front USB		2
			Temperature: 10°C(32°F)-50°C(122°F)		
Controls: Power and system reset		Humidity:	5%-95% non-condensing		
Indicators: Power, LAN, and HDD LEDs		Weight:	24 kgs / 52.8 lbs		

ACCESSORIES

SATA DISKS

- 250GB 7200rpm Enterprise
- 300GB 7200rpm Enterprise
- 400GB 7200rpm Enterprise
- 500GB 7200rpm Enterprise
- 750GB 7200rpm Enterprise
- 1TB 7200rpm Enterprise
- 1.5TB 7200rpm Enterprise

CPUs

- Dual Core Xeon 5140 Woodcrest 2.33GHz
- Dual Core Xeon 5160 Woodcrest 3.00GHz
- Quad Core Xeon E5310 Clovertown 1.60GHz
- Quad Core Xeon E5355 Clovertown 2.66GHz

SATA HBAs

- Accusys 61000 4-port PCIe SATA RAID
- Accusys 61000 8-port PCIe SATA RAID
- Accusys 61000 12-port PCIe SATA RAID
- Accusys 61000 16-port PCIe SATA RAID
- Accusys 61100 12-port PCIe SATA RAID
- Accusys 61100 16-port PCIe SATA RAID
- Accusys 61100 24-port PCIe SATA RAID

SAS DISKS

- 73GB 15000rpm
- 146GB 15000rpm
- 300GB 15000rpm
- 400GB 15000rpm
- 450GB 1000rpm
- 750GB 7200rpm (Hybrid)
- 1TB 7200rpm (Hybrid)

ETHERNET

- Dual Intel GbE (PCIe / PCI-X)
- Quad Intel GbE (PCIe / PCI-X)

SAS HBAs

- LSI 888ELP PCIe 8-port RAID
- LSI 3442e PCIe 4-port HBA
- LSI 3801e PCIe 8-port HBA
- LSI 3800X PCI-X 4-port HBA
- LSI 3801X PCI-X 8-port HBA

SUNDRIES (where possible)

- Slimline CD, CD-RW, DVD, DVD-RW
- Slimline Floppy
- IPMI Card