

RAIDFLEX™ A6548 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 target

STANDARD FEATURES

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

A6548 FEATURES

- Lockable front bezel
- 48 x External hot swap drive bays
- 5U rackmount with rails
- Power and system reset switches
- Hard drive and LAN activity LEDs
- Front access USB port
- Cooling through front air intake
- Nine hot-swap rear fans
- Four rear fans for MB
- Hot-swap redundant power supply



RAIDFLEX™ A6548

Open Server Appliance



SPECIFICATIONS

MODEL: A6548		Drive Bays:	External	5.25"	0
Material: heavy-duty cold-rolled steel				3.5"	0
Finish	Body zinc chromate			3.5" Hot Swap	48
	Front texture coat			2.5" Hot Swap	0
Dimensions	5U mm:482.6 x 691.5 x 221.1		Internal	3.5"	0
	5U inches: 19 x 27 x 8.75				
Cooling	Rear: 2 x 120mm hot-swap blowers 2 x 60x38mm easy-swap fans		Slimline Optical		0
			Slimline Floppy		0
			Front USB		1
Power	1350W 3 + 1 redundant PSUs (4 x 500W modules)		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: 37 kgs / 81.4 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