

# RAIDFLEX™ A6206

## 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

### A6206 FEATURES

- Lockable front bezel
- 6 x External hot swap drive bays
- 2U rackmount with rails
- Power and system reset switches
- Hard drive and LAN activity LEDs
- Front access dual USB port
- One slim CD-ROM
- One external 3.5" drive bay
- One external 5.25" drive bay
- Three easy-swap middle fans
- Riser card mounting bracket
- Hot-swap redundant power supply



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**Expanding Data Storage Solutions**

A6206 datasheet 1003

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### SPECIFICATIONS

<b>MODEL: A6206</b>		<b>Drive Bays:</b>	<b>External</b>	<b>5.25"</b>	1
<b>Material:</b> heavy-duty cold-rolled steel				<b>3.5"</b>	1
<b>Finish</b>	Body zinc chromate			<b>3.5" Hot Swap</b>	6
	Front texture coat			<b>2.5" Hot Swap</b>	0
<b>Dimensions</b>	mm:482.6 x 686 x 88.9		<b>Internal</b>	<b>3.5"</b>	0
	Inches: 19 x 27 x 3.5			<b>2.5"</b>	0
<b>Cooling</b>	Middle: 2 x 80 x32mm + 1 x 40x28mm easy-swap fans		<b>Slimline Optical</b>		1
			<b>Slimline Floppy</b>		0
<b>Power</b>	500W 1+1 hot-swap redundant PFC		<b>Front USB</b>		2
	600W 1+1 hot-swap redundant PFC		<b>Temperature:</b> 10°C(32°F)-50°C(122°F)		
<b>Controls:</b> Power and system reset		<b>Humidity:</b>		5%-95% non-condensing	
<b>Indicators:</b> Power, LAN, and HDD LEDs		<b>Weight:</b>		17 kgs / 37.4 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

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