XJ2000-4483

STORAGE SOLUTIONS GROUP (SSG)

XJ2000 SAS/SATA JBOD Series

Features
48-Drive high density enclosure in 4U with individual HDD power on/off support
48 Gb host bandwidth across dual expanders
Cool by Design™
Cableless design for maximum reliability
Compact 24" depth
High quality ISO 9000 & RoHS compliant design
Serial management ports
Tri-color LED indicators
Hot-swap integrated power supplies and fans

Dimensions (W x D x H)
(with chassis ears/protrusions)

mm : 482.6 x 610 x 190
inches : 19 x 24 x 7.5

XJ2000 is an ultra-density SAS/SATA JBOD storage expansion, supporting 48 disk drives in 4U form factor. Its dual-drive carrier design offers unparalleled Price Point per Terabyte(TB) advantage over conventional enclosures with single-drive carriers. XJ2000 is a clear option for cost-effective solution, supporting up to 72TB* of storage capacity at 48Gbps host bandwidth across dual hot-swappable expander modules.

XJ2000 supports the mix-match of 3.5-inch SAS and SATA drive. The dual-drive carrier provides front access hot swap insertion and removal of the disk drive and allows a compact high-density footprint. It is an ideal platform for SAN and NAS applications that require high density and high performance online storage and network infrastructure support.

Front access 48 hard drives in 4U form factor

Rear access expander modules and power supply modules

Dual-drive carrier with LEDs indicators for power, activity and failure

Expander with dual mini SAS 4x and serial console per module

Cableless & hot-swappable fan and power supply module

SPECIFICATIONS

GENERAL

Number of IO Modules	Single/Dual
Host Interface per IO Module	Single Mini SAS 4x connector
Expansion Interface per IO Module	Single (or used as Host) Mini SAS 4x connector
Transfer Speed	1,200MB/s per connector

DRIVES SUPPORTED

Drive Interface	3Gb dual ported SAS, 1.5/3.0Gb single ported SATA
Dual Ported SATA Support	w/optional interposer boards
Drive RPM	Up to 15,000
Form Factor	3.5", 1" height

ADMINISTRATION / MANAGEMENT

Admin/Firmware Upgrade	In-band with Linux utility, serial port
LED Indicators, Audible Alarm	Yes

HOT-SWAP & REDUNDANCY

I/O Module	Failover
Disk Drive	Hot-swap 24-bay (48 drives)
Cooling	Hot-swap, Redundant 3 +1 (integrated w/in Power)
Power Supplies	500W 3+1 hot-swap redundant PFC
Power Entry	Individual AC Inlet

ELECTRICAL & ENVIRONMENTAL

Universal A/C Input	100~240V AC full range
Operating Environment	Temperature 0ºC to 35ºC Relative humidity 20% to 80%
Non-operating Enviornment	Temperature -20ºC to 60ºC Relative humidity 10% to 90%

PHYSICAL SPECIFICATION

Weight	Fully Populated 48 x HDD Tray		75kgs / 166lbs
	w/o 48 x HDD Tray		32kgs / 70lbs
	w/o 4 x PSU Module		25kgs / 55lbs
	w/ Pallet & PSU; w/o Rail & Disks		60kgs / 132.3lbs
Packaging Dimension (W x D x H)		mm	621 x 910 x 634 (with Pallet)
Cubic Feet			12.7
Reference Container Loading		20'	75
		40'	155
		40' H	185

Ordering Information

Part Numbers	Descriptions
XJ-SA12-448R-B	4U with 500W redundant power supply, ultra density, 48x3.5 bays, single expander
XJ-SA24-448R-B	4U with 500W redundant power supply, ultra density, 48x3.5 bays, dual expander