



3U Rackmount RAID Array (PCIex8)

3U 16-drive SATA/SAS RAID array with PCIe x8 cable adapter and 2 meter PCIe x8 cable. RAID 0, 1, 1n, 5, 10, 10n, JBOD;
Supports up to 16 drives. OSS-PCIe-3U-RAID-16-x8

Features

- Supports up to 16 3-1/2in. SATA or SAS drives
- Internal 16-Port SATA/SAS RAID controller
- Hard drives integrated upon request



Specifications

Chassis:	Construction: Heavy duty 1.2mm steel, meets FCC/CE Dimensions (W x D x H): 3U rack height, 19" x 18.5" x 5.25" (483mm x 470mm x 134mm) Weight: 33 lb / 15 kg (without drives), Drive Bays: 12 hot-swappable drive bays Cooling Fan: Three 70mm fans, Switch: Power ON/OFF, alarm silence Indicators: Power (green); data access (yellow), Maximum Storage Capacity: Up to 6TB Data speed: Up to 40Gb/s
Host Interface Board:	Form Factor: PCI Express x8 cable adapter External Interface: PCIe x8 2 meter cable (also available in 1m, 3m, 5m, and 7m lengths),
Front Panel Connector:	Front Panel EMI Connector Shield, Front Panel Indicators: Power On/Cable Present LEDs, UL 60950, FCC Class B, CE
RAID Controller:	RAID level 0, 1, 10, 3, 5, 6, 30, 50, 60, Single Disk or JBOD, Multiple RAID selection. Online array roaming, Online RAID level/stripe size migration, Online capacity expansion and RAID level migration simultaneously, Online volume set growth, Instant availability and background initialization, Automatic drive insertion / removal detection and rebuilding. Greater than 2TB per volume set (64-bit LBA support), Disk scrubbing/array verify scheduling for automatic repair of all configured RAID sets, Support spin down drives when not in use (MAID), Support NTP protocol synchronize RAID controller clock over the on board Ethernet port
Disk Bus Interface:	Up to (128) SAS or 3 SATA II drives using SAS expanders, Up to 3Gb/s per port
Monitors/Indicators:	System status indication through global HDD activity/fault connector Individual fault connector, LCD/I2C connector and alarm buzzer SMTP support for email notification, SNMP support for remote manager Enclosure management (SES2,SMP and SGPIO) ready
Operating System:	Windows 2000/XP/Server 2003/Vista, Linux, FreeBSD, Novell Netware 6.5 Solaris 10 x86/x86_64, SCO Unixware 7.x.x, Mac OS X 10.x (EFI BIOS Support)