



1U Rackmount RAID Array

1U NEBS-certified RAID array includes 4 hot swappable SATA/SAS drive shuttles, system monitor, 2 meter PCIe x4 expansion cable and PCIe x4 host cable adapter. LSI 8704 ELP controller supports RAID 0, 1, 1n, 5, 10, 10n, JBOD in up to 4 drives. Includes rack slides. Available in AC or DC version. OSS-PCIe-1U-RAID-4-x4



- Up to 8TB storage in 1U (with 2TB drives)
- Cable adapter easily installs in host system PCIe slot

- PCIe x4 cable in 1m, 2m, 3m, 5m, 7m lengths
- 4-Port SATA/SAS RAID Controller

TECHNICAL SPECIFICATIONS

OSS-PCIe-1U-RAID-4-x4

Form Factor	1U - 1.2mm steel meets FCC/CE cert.
Dimensions WxDxH	19" x 21" x 1.75"
Weight	12 lb / 5.5 kg (without drives)
Power Supply	400W AC or DC power supply
Ordering Options	PCIe cables available in 1m, 2m, 3m, 5m, and 7m lengths.
RAID Controller	RAID Features: RAID level 0, 1, 10, 3, 5, 6, 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 to extend service life (MAID), Support NTP protocol synchronize RAID controller clock over the on board Ethernet port
Disk Bus Interface	Up to 4 SAS/SATA II HDDs (no expander capability), Up to 3Gbps per drive 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 (Serial bus 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)
System Monitor	Product Features
	Monitors 4 temperatures, Monitors up to 8 fan tachs, Monitors up to 4 voltages Communications to a host via an Ethernet (TCP/IP, TelNet, and UDP) or I2C connection. Embedded or with optional carrier boards for CPCI, RTM, VME or PCI/PCIe form factors Configuration parameters stored in nonvolatile FLASH
Agency:	Meets or exceeds the following requirements: NEBS-certified, FCC Class A, Safety UL/CSA-60950-1, EN60950-1, IEC60950-1, CB Scheme with all country deviations, IEC825-1, 2, CFR21 part 1040, CNS1436, GB4943, RF/EMC EN55022 Class A, 47 CFR 15B Class A, ICES-003 Class A, VCCI Class A, AS/NZ 3548 Class A, CNS 13438 Class A, KSC 5858 Class A, GB9254 Class A, EN61000-4-6, GB17625.1, EN6100-3-3, Immunity EN55024, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000 4-5, IEC 61000-4-6, IEC-61000-4-8, IEC 61000-4-11, Regulatory markings CE, FCC, ICES-003, VCCI, UL/cUL, Certified to NEBS level 3



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