



# 1U Rackmount RAID Array

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



## Specifications

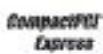
<b>Form Factor</b>	1U - 1.2mm steel meets FCC/CE cert.
<b>Dimensions</b>	19" x 21" x 1.75"
<b>Weight</b>	12 lb / 5.5 kg (without drives)
<b>Power Supply</b>	400W AC or DC power supply
<b>Ordering Options</b>	PCIe cables available in 1m, 2m, 3m, 5m, and 7m lengths.
<b>RAID Controller</b>	<ul style="list-style-type: none"> <li>• RAID level 0, 1, 10, 3, 5, 6, Single Disk or JBOD</li> <li>• Multiple RAID selection</li> <li>• Online array roaming</li> <li>• Online RAID level/stripe size migration</li> <li>• Online capacity expansion and RAID level migration simultaneously</li> <li>• Online volume set growth</li> <li>• Instant availability and background initialization</li> <li>• Automatic drive insertion/removal detection and rebuilding</li> <li>• Greater than 2TB per volume set (64-bit LBA support)</li> <li>• Disk scrubbing/array verify scheduling for automatic repair of all configured RAID sets</li> <li>• Support spin down drives when not in use to extend service life (MAID)</li> <li>• Support NTP protocol synchronize RAID controller clock over the on board Ethernet port</li> </ul>
<b>Disk Bus Interface</b>	<ul style="list-style-type: none"> <li>• Up to 4 SAS/SATA II HDDs</li> <li>• Up to 3Gbps per drive port</li> </ul>
<b>Monitors/Indicators</b>	<ul style="list-style-type: none"> <li>• System status indication through global HDD activity/fault connector, individual fault connector, LCD/I2C connector and alarm buzzer</li> <li>• SMTP support for email notification</li> <li>• SNMP support for remote manager</li> <li>• Enclosure management (Serial bus and SGPIO) ready</li> </ul>

## Description

1U rackmount 4-drive SATA II or SAS RAID array with RAID controller, PCIe x4 cable adapter and PCIe x4 cable.

## Features

- Up to 4TB storage (with 1TB drives)
- Install cable adapter in PCIe host system slot
- PCIe x4 cable in .5m, 1m, 2m, 3m, 5m, 7m lengths
- 4-Port SAS RAID Controller



[www.onestopsystems.com](http://www.onestopsystems.com)

Phone 877-438-2724 • Fax 760-466-1678 • [salas@onestopsystems.com](mailto:salas@onestopsystems.com)

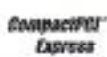


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<b>Environmental</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: 10-40 degrees Celsius</li> </ul>
<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows 200/XP/Server 2003/Vista</li> <li>• Linux</li> <li>• FreeBSD</li> <li>• Novell Netware 6.5</li> <li>• Sloaris 10x86/x86_64</li> <li>• SCO Unixware 7.x.x</li> <li>• Mac OS X 10.x (EFI BIOS Support)</li> </ul>
<b>System Monitor</b>	<p>Product Features</p> <ul style="list-style-type: none"> <li>• Monitors up to 8 temperatures</li> <li>• Monitors up to 8 fan tachs</li> <li>• Monitors up to 8 voltages</li> <li>• Up to 16 GPIO</li> <li>• Communications to a host via an Ethernet (TCP/IP, TelNet, and UDP) or I2C connection.</li> <li>• Embedded or with optional carrier boards for CPCI, RTM, VME or PCI/PCIe form factors</li> <li>• Configuration parameters stored in nonvolatile FLASH</li> </ul>



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