

PCI Express to PCI Express[®] Expansion with eight 2,5-inch Drive bays

PCIe-to-PCIe, 3 Slot PCI Express[®] x8 Gen-2 Expansion System

Model Roben3-PS2-D and Roben-3-PS2-R



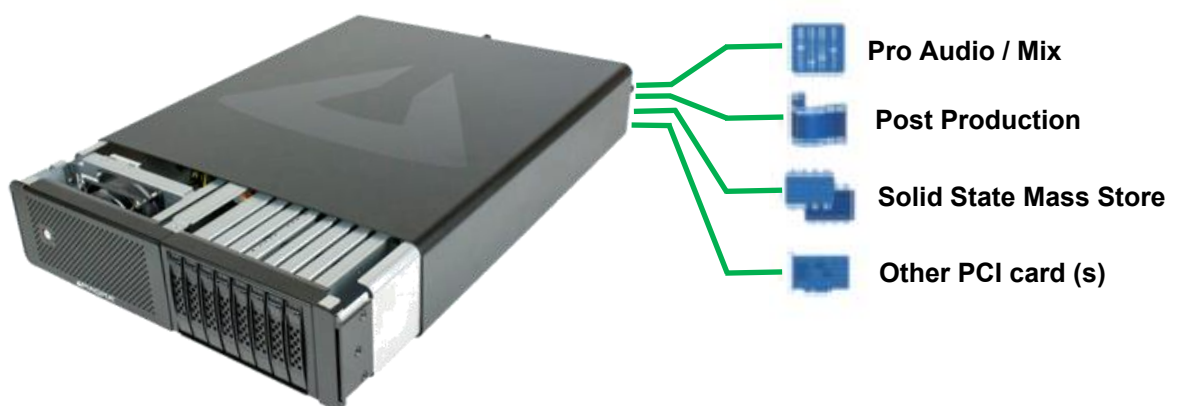
With the fastest card-to-card communication, integrated high capacity storage, and the largest expansion capacity on the market, ROBEN-3PS2 sets the bar for high-end computing

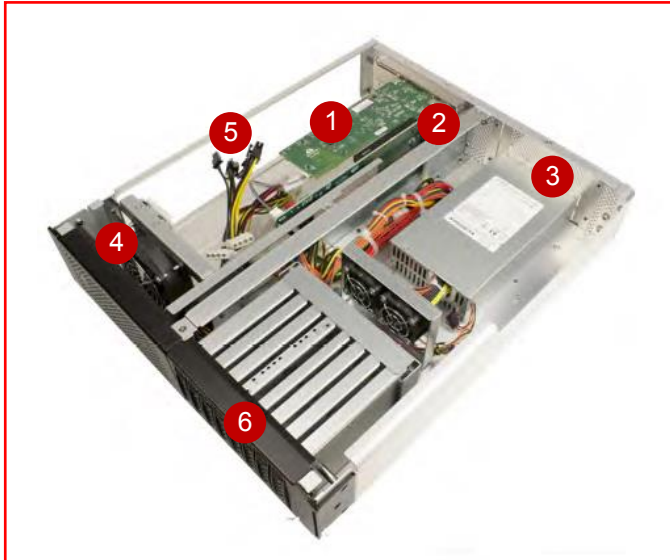
- Three (3) available full length/full height x8 Gen-2 PCI Express expansion slots
- Eight 2.5" SATA/SAS HDD or SSD Drive Bays (Controller and Drives Sold Separately)
- Optional 19" Rack-mount Version
- Tool-less cover removal
- White power-on indicator front panel light
- One 80mm 33.4 CFM Expansion Card/Backplane Fan

The flagship of the ROBEN-3 family, ROBEN-3PS2 is precision engineered for reliability and performance. Featuring iPass, three (3) full-length, full-height PCIe slots and eight (8) 2.5-inch SATA/SAS HDD or SSD drive bays, the ROBEN- 3PS2 will elevate your workstation to a whole new level.

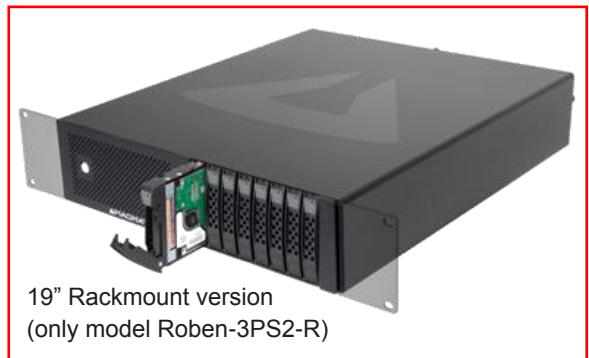
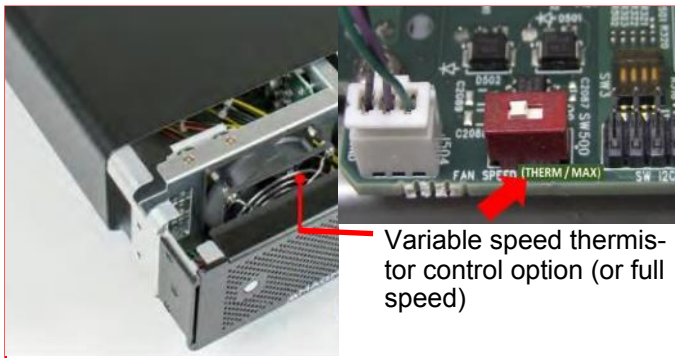
The ROBEN-3PS2 rack-mountable aluminum chassis was designed for integrated removable storage expansion, a 540-watt power supply, auxiliary power, and features two (2) 40mm 6.37 CFM Bay Fans. ROBEN-3PS2 is also compatible with a series of operating systems, including MacOS, Windows, Linux, and Solaris.

Channel this added power through lightning fast iPass technology at 40Gbps and expand your capabilities beyond the limits of your creative genius. With 3-Slot PCIe and internal storage expansion, ROBEN-3PS2 will transform your computer into a powerful workstation – a superlative sidekick for the creative hero.





1. Interface Card
2. Backplane
3. 540 watt Power Supply
4. Internal Front Fan
5. Aux Power Cables
6. 2,5-inch Drive Bays



Benefits:

- Attach PCIe cards to any computer
- Extension of PCI Express signals outside the computer
- Daisy-chain or end-point device
- 8 build-in 2.5" Drive Bays.

Features:

- Easy Plug and Play installation
- Use any combination of x1, x4, x8 and x16 PCIe cards
- Control fan speed and noise
- Auxiliary power cables
- Strong 540W auto switching Power Supply

Rock Solid Innovation - PCI Express Expansion Made Simple

The Magma Roben-3 series provides a seamless solution for using PCI Express cards with computers. Many companies have a significant investment in PCI Express cards but as the size of computers gets smaller, available expansion slots have been reduced or completely eliminated. The Magma Roben-3 system provides a “migration path” to computers while protecting your investment in PCI Express hardware.

PCIe expansion is a natural evolution for Magma’s ExpressBox family of products. Magma’s expertise in developing products that extend PCI and PCI Express signals over a cable and outside the computer provides a reliable foundation for producing rock solid products that perform as expected even in the most demanding configurations.

Roben3PS2– Front View

1. Power Indicator
2. Optional Rackmount Enclosure
3. Drive Bays



Roben3PS2– Rear View

4. Power Cord Socket
5. PCIe Port
6. PCIe Card Slot Openings
7. iPass Cable



Hardware Included

8. German Power Cord

Specifications:

Host Connection	Enclosure	Auxiliary power cables: (4) 4-pin Molex connectors (2) 6-pin + 2 PCIe connectors (2) PCIe Connectors
Host side: Low profile x8 PCIe. Expansion side: Low profile x8 PCIe.	2U Aluminum Desktop – Black 17"L x 14.25"W x 3.48"H (432mm L x 363mm W x 88.4mm H) (8) 2.5" SATA/SAS HDD or SSD Drive Bays *(Controller and Drives Sold Separately)	Environmental
Interconnect Bandwidth	8.5 lbs (3.6 kg)	Ambient Temperature: 0° to 50° C, Storage Temperature: -40° to 125° C Relative Humidity: 10% to 90%, non-condensing
40 Gbps	Tool-less cover removal White power-on indicator front panel light	MTBF
Cable Required	System Cooling	35,000 hours at +40°C
3-meter x8 iPass	(1) 80mm 33.4 CFM Expansion Card/Backplane Fan (1) Variable speed thermistor control option (or full speed)	Regulatory Compliance
Technology	Chassis Power Supply	FCC Class A Verified RoHS Compliant CE Certified
PCI Express Bus Specification Revision 2.0 PCI Local Bus Specification Revision 2.3 PCI Bridge Architecture Revision 1.2	540W Standard AC Input: 100-240VAC Input Frequency: 50-60HZ Input Current: 8.0A Max DC Output: 540 Watts Max +12V 45.0A maximum -12V .5A maximum +5V 24.0A maximum +3.3V 24.0A maximum +5Vsb 3.0A maximum Tot. power on +3.3V and 5V must not exceed 150Wax	Supported Operating Systems
Backplane		MacOS, Windows, Linux, and Solaris
Three (3) available full length/ full height expansion slots Electrical: x8 PCIe Physical: x16 PCIe		Warranty
		1 year

Configuration / Order Informations:

Order number	Model	Description
WM1-094-100	Roben-3PS2-D	3-Slot PCI Exoress to PCI Express Expansion with eight 2,5-inch Drive Bays
WM1-094-105	Roben-3PS2-R	Rack-mountable 3-Slot PCI Express to PCI Express Expansion with 2,5-inch Drive Bays
Option:		
60-00038-03	iPass x8 3m	3 meter iPass x8 cable
60-00038-04	iPass x8 7m	7 meter iPass x8 cable