



Increase the I/O
of Your Server or
Desktop Computer

by adding four
full-length PCI slots
and drive bays.

4 Slot 32-bit/33MHz PCI-to-PCI Expansion System

- Cost effectively add PCI slots to your desktop computer or server
Four 32-bit/33MHz (32/33) PCI slots increase the functionality of your desktop computer or server and enable PCI-based applications in various fields, reducing capital outlay for computers that only provide one or two PCI slots
- The lifeline
 - MAGMA's patented PCI Expansion Technology is incorporated into a short "universal" PCI card, extending the PCI Bus outside of your host computer
 - Our 1 to 1.5 meter flexible cable provides a high-speed communication link from your computer or server to our PCI Expansion System
- Power supply
A 300 Watt power supply is included with the expansion system
- Stay cool
Cooling fans provide optimal cooling to your cards and disk drives within the ventilated enclosure
- Save your work
Mount one 5.25" removable disk drive and two standard 3.5" disk drives or four 3.5" standard disk drives for additional storage space
- Rack it or stack it
 - Rugged black metal enclosure can be rack-mounted or stacked on a tabletop
 - Only 2U high in a rack-mount configuration; conveniently fits underneath a monitor in tabletop configuration
- Easy installation
 - Install the MAGMA PCI host interface card into any available slot in your desktop computer or server, connect the cable, add your PCI cards and power up; no driver is required
 - Includes brackets to mount SCSI or IDE disk drives inside the chassis, eliminating the need for an external storage enclosure
- Universal PCI host interface card
Works in host computers that use either 5 volt or 3.3 volt signaling
- Multiple expansion systems
Can be used in a daisy-chain or fan-out configuration
- And much, much, more
 - Can be used with a notebook computer when a CardBus interface card (CBHIF) is purchased separately
 - Non-Enclosed Board Sets available for OEMs and System Integrators

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Unique Applications Require Innovative Solutions

Sure, many users are satisfied with the limited number of PCI slots that are available in most computers. However, there are numerous performance and functionality hungry professionals, like you, that simply need more PCI slots than a typical computer provides. Even with the introduction of more robust desktop computers and servers, the need for increased functionality of high-bandwidth applications has still not been satisfied. If you have a powerful application that requires the use of several PCI cards, increase the number of PCI slots in your system with a MAGMA PCI Expansion System. Magma's patented 4 Slot 32-bit/33MHz PCI-to-PCI Expansion System accommodates four full-length 32-bit or 64-bit PCI cards in a separate enclosure (chassis) that connects to a host desktop or server through an available PCI slot.

With MAGMA's patented PCI Expansion Technology, everything installed in the enclosure actually acts as if it's inside the host computer. This is accomplished by the chassis communicating to the host via a 1- or 1.5-meter cable and a short "universal" PCI host card providing up to a 132MB/second data transfer rate between the host computer and the hardware within the chassis. In addition, the 4 Slot PCI Expansion System includes brackets to mount additional SCSI or IDE disk drives inside the chassis, eliminating the need to add another external storage enclosure. A total of four standard 3.5" x 1" disk drives can be mounted inside the enclosure.

Common applications benefiting from MAGMA's PCI Expansion Systems include: Audio Editing, Storage (SAN, NAS), Medical Imaging, Video Processing, Military, Aerospace, Industrial Automation/Control, Test & Measurement, Video Effects and Video Capture.

How to Buy

All MAGMA products can be purchased factory direct or through a reseller. A list of Resellers is available at www.magma.com.

For OEMs, we offer Non-Enclosed PCI Expansion Board Sets. You provide the enclosure and power supply, we provide the patented MAGMA PCI Expansion Technology.

PCI4DRQ: 4 Slot 32/33 with 1m cable and
300W 'Silencer' AC power supply

Contact Information:

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Specifications

Enclosure	2U Rack-mount (Steel/Aluminum)
Dimensions	13.1 x 3.5 x 16.4" (19"W with rack ears mounted) (33.27 x 8.89 x 41.66cm)
Weight	9lbs (4.08kg)
Cooling	Two 28CFM fans
Backplane	(4) 32-bit/33MHz PCI slots
Expansion Cable Lengths	1 or 1.5 meter
PCI Local Bus Specification	Revision 2.2
PCI Bridge Architecture Specification	Revision 1.2
Interconnect Bandwidth	132MB/sec
MTBF	25,000 hours
Disk Drive Bays	For four 1" disk drives or two 1" disk drives and one 5.25" removable
Power Supply	300W (auto-switching)
Operating Environment	0° to 50° C Operating Temperature 20° to 60° C Storage Temperature 5% to 85% Relative Humidity, Non-condensing
Supported Operating Systems	Win XP, Win 2000, Win NT, Win ME, Win 98SE, Mac OS X (version 10.2.2+), Mac OS 9.x, Red Hat Linux 9

Requirements

PCI-based host computer or server with an available 32-bit/33MHz, 64-bit/33MHz, 64-bit/66MHz, or PCI-X PCI slot. The expansion system can perform as fast as the host slot up to 32-bit/33MHz.

Certifications & Warranties

- CE Certified
- FCC Class A Verified
- 30 Day Money Back Guarantee
- 1 Year Return to Factory Warranty

Compatibility

For the most up-to-date compatibility information, please visit www.magma.com



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