



# 6 Slot PCI Express® to PCI-X Expansion System

Model PE6R4-I



**Enjoy the benefit of a PCI Express computer while protecting your investment in PCI hardware**

- Add six PCI slots through one PCI Express slot
- Supports PCI and PCI-X cards
- Includes PCI Express host card and high-speed shielded cable
- Easy installation, no software required

The Magma PCI Express-to-PCI Expansion System provides a simple, cost-effective solution for expanding the capability of your PCI Express based computer. As computer manufacturers migrate to PCI Express, the number of available PCI slots has been reduced or completely eliminated. However, many companies have invested a substantial amount of capital on solutions built around conventional PCI and PCI-X hardware. The Magma expansion system provides a migration path to PCI Express while protecting your PCI hardware investment.

### Where PCI meets PCI Express

The Magma PCI Express-to-PCI Expansion System is designed to match the through-put required by the majority of PCI cards on the market today. The expansion chassis contains six PCI-X slots which are connected to the host computer through a 4 lane (x4) PCI Express host interface card and high-performance cable.



### Cost-Effective Migration and Increased I/O Capacity

The Magma PCI Expansion solution provides a cost-effective migration path to new PCI Express-based computers while maintaining a consistent PCI configuration. In addition, Magma products significantly increase Input/Output (I/O) capacity and scalability. Multiple expansion systems can be combined to provide an almost unlimited number of PCI slots\* to a single computer. This type of scalability is especially useful in industries such as telecom, data acquisition, video monitoring, server storage and manufacturing test fixtures.

\*As defined by the PCI Local Bus Specification, the theoretical maximum per computer is 255 PCI buses.

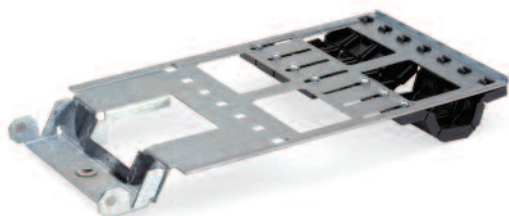
### Easy Installation

The Magma 6 Slot PCI Express-to-PCI Expansion System consists of a PCI Express host card, a pair of high-speed cables and a PCI expansion chassis. The host card relays signals from the PCI Express slot inside the computer motherboard to a PCI backplane inside the expansion chassis. The system is automatically configured by the system BIOS and all six high-performance PCI slots within the expansion chassis appear transparent to the host computer.

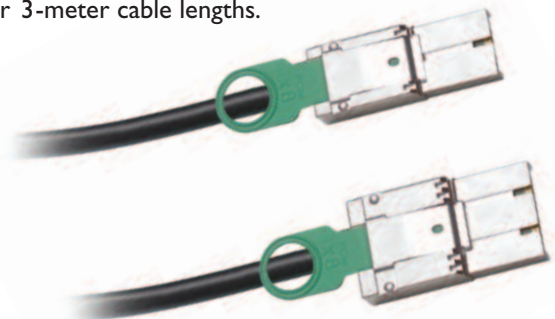
Optional hot-swappable, redundant power supply for high availability applications.\*



Optional PCI card hold down mechanism prevents cards from being dislodged during transportation



Rugged iPass cable is available in 1 or 3-meter cable lengths.



Optional drive cage with cooling fan holds four 3.5" internal disk drives. Maximum of two drive cages per system.



Optional Chassis Trak® rack slides allows entire chassis to be removed and replaced easily from a 4-post rack cabinet.



## Benefits:

- Provides a link from PCI Express-based computers to legacy PCI hardware
- Cost effective solution for adding an unlimited number of PCI slots to PCI Express-based computers and servers
- Ideal migration path to small form factor servers, while maintaining a consistent PCI hardware configuration
- Substantially increase I/O capacity
- Supports universal and 3.3V PCI and PCI-X cards
- Multiple expansion systems can be used with a single computer

## Features:

- Easy Plug and Play installation
- Visible LEDs indicate correct installation
- Includes x8 PCI Express host card and 1 meter iPass cable
- 6 slot PCI-X backplane
- All slots support full-length PCI-X cards
- 4U, black rack-mount enclosure
- ATX form factor allows backplane to be used in different types of enclosures
- Supports spread spectrum clocking
- Auto-Switching 400W or Hot-Swappable Redundant Power Supply
- Dedicated fan for cooling PCI cards
- Optional PCI card hold down mechanism prevents cards from being dislodged during transportation
- Optional drive cage for mounting up to eight internal drives inside chassis
- Optional Chassis Trak® rack slide kit for rack cabinet installation
- CE certified and FCC Class A verified
- UL listed
- RoHS Compliant
- 30 Day Money Back Guarantee