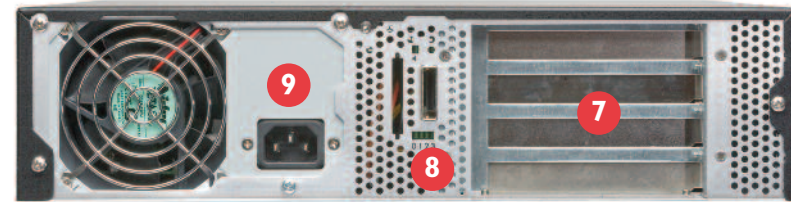


ExpressBox⁴ – Top View

1. Four PCI Express slots
2. Backplane cooling fan assembly with slot holders for full-length cards
3. 500W, 90-264V/9.0A, 47-63HZ Power Supply
4. Space for up to four 3.5" internal hard drives

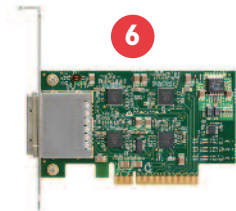


ExpressBox⁴ – Rear View

7. PCI Express card slot opening
8. iPass connector to host computer
9. Power cord socket

Hardware Included

5. iPass cable
6. PCI Express host card



ExpressBox⁴

4 Slot PCI Express[®] Expansion System



Model EB4


How to Buy:

All Magma products can be purchased online at www.magma.com or through a reseller.

Model Names:

EB4: 4 Slot PCI Express Expansion System, 2U form factor
 SUBEX34: ExpressCard/34 and 3-meter cable
 SUBCBL3IP: 3 meter cable option

Specifications:

Backplane (4) PCI Express slots x16 connectors, x4 slot speeds	Host Connections and Power Consumption x8 PCI Express connector; x8 slot speeds 1.2A @ +3.3V maximum Low profile PCI Express Bus Specification Revision 1.1	Regulatory Compliance FCC Class A Verified CE Certified UL/CIL Listed
Cable 1-meter iPass Optional 3 meter length	Chassis Power Supply AC Input: 90-264 VAC Input Frequency: 47-63HZ Input Current: 9.0A Max DC Output: 500Watts Max +12V 35.0A maximum - 12V 0.8A maximum +5V 24.0A maximum +3.3V 24.0A maximum +5VSB 2.5A maximum OV Protection: +3.3V, +5V, +12V OC Protection: 135%	Supported Operating Systems Windows XP/Vista 2000 Server 2003 MacOS X 10.4+ Linux Kernel 2.6x+ Solaris
Interconnect Bandwidth 1GBytes/sec simplex 2GBytes/sec full duplex	Environmental Ambient Temperature 0° to 50° C Storage Temperature -20° to 60° C Relative Humidity: 5% to 85% non-condensing	Warranty 30 day money back guarantee 1 year return to factory
Enclosure 2U Rack-mount 19" wide, 3.5" High, 17.7" Depth Removable/cleanable air filter 15 lbs or 6.82Kg	MTBF 53,000 Hours	 Magma www.magma.com 9918 Via Pasar, San Diego California 92126 Toll Free: 1.800.285.8990 Telephone: 1.858.530.2511 Fax: 1.858.530.2733 E-mail: sales@magma.com
System Cooling One 31.4CFM Backplane Fan One Power Supply Fan	A Service Disabled Veteran Owned Small Business ISO9001: 2000 Certified <small>© 2008 Magma. Magma is a trademark of Mission Technology Group, Inc. All other brand names and logos are trademarks or registered trademarks of their respective owners. United States and foreign patents pending. Specifications are subject to change without notice.</small>	
Hard Drive Support Drive brackets for 4 hard drives	70-02360-38-B	



Seamlessly expand your server or workstations with PCI Express slots

- Add 4 PCI Express slots through a single slot
- Supports all PCI Express form factors



The Magma PCI Express to PCI Express Expansion system provides a simple, cost-effective solution for expanding the available PCI Express slots of workstations and servers. This provides an efficient way to maximize your workstation or server's total I/O capability and limit the number of CPUs required in your system.



Cost-effective Solution for Expanding I/O capacity

Magma ExpressBox⁴ provides a cost-effective path to expand the available number of PCI Express slots while maintaining consistent server or workstation configuration. The product provides increased I/O capacity and scalability.

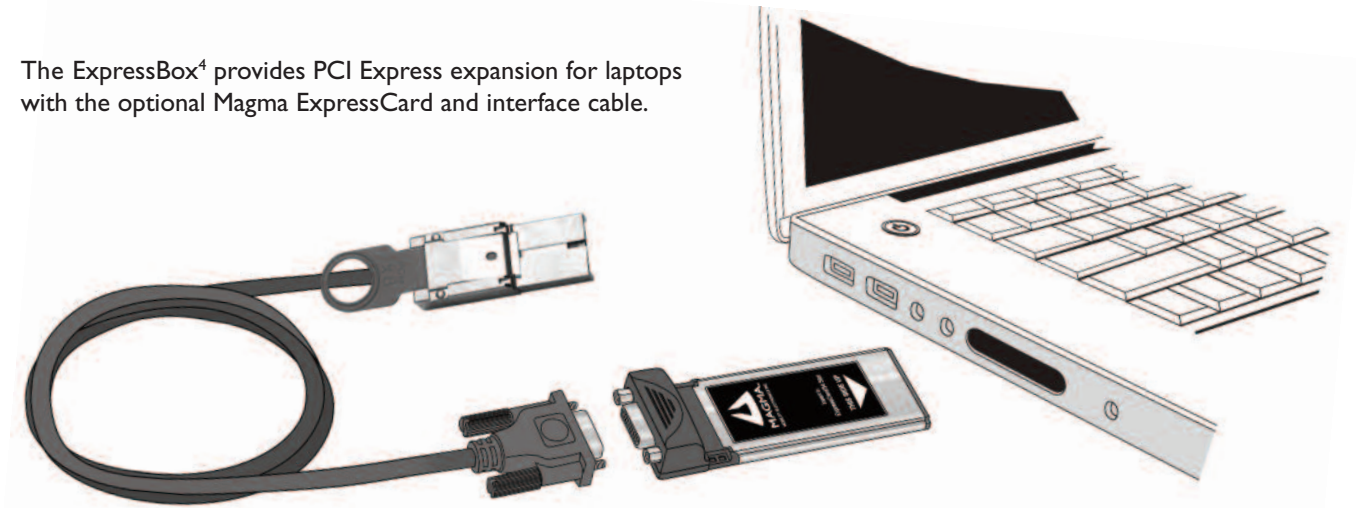
Easy Installation

Magma ExpressBox⁴ consists of a PCI Express Host Card, a cable and a chassis. Magma ExpressBox⁴ is automatically configured by the System BIOS making all of the slots appear transparent to the host computer.

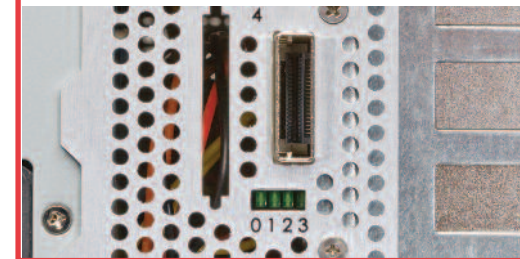
Optimal method to enhancing your PCI Express I/O capabilities

ExpressBox⁴ is an expansion solution that provides 4 full-length PCI Express slots. This is a standalone chassis in an industry standard enclosure with its own power supply. The chassis allows the flexibility to expand the I/O capabilities of a server or workstation seamlessly capitalizing on the transparency of PCI Express architecture.

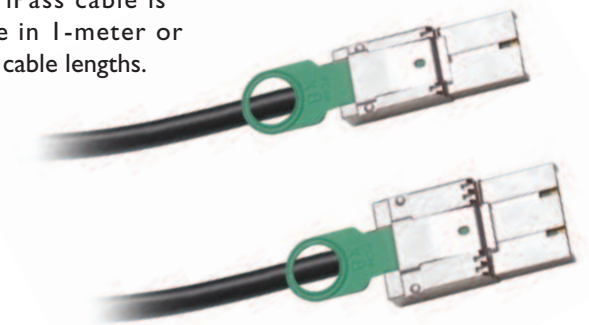
The ExpressBox⁴ provides PCI Express expansion for laptops with the optional Magma ExpressCard and interface cable.



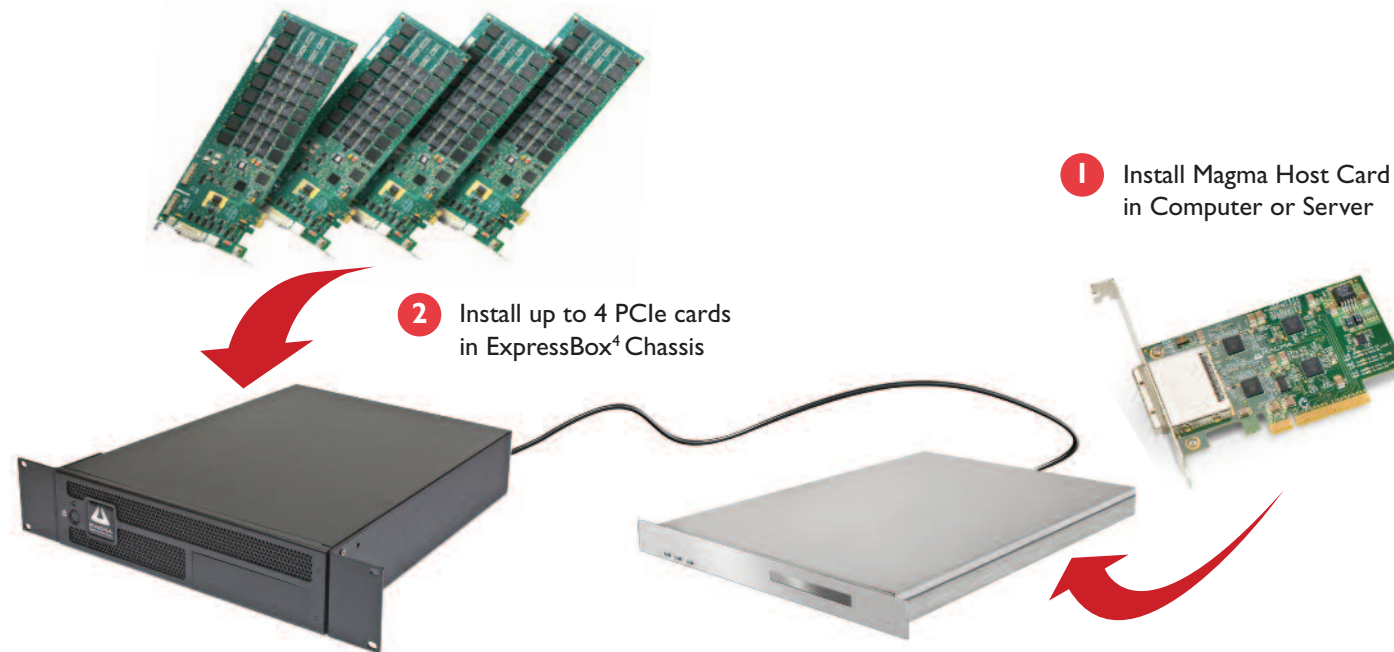
Link lights on the EB4 back panel verify the uplink between the expansion chassis and host machine, and assure each PCI Express card is connected properly.



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



How it Works



Benefits:

- Industrial solution for adding up to 4 PCI Express cards to one computer
- Attach full-length PCI Express cards to computer with limited card space
- Low profile host card allows for easy installation in low profile computers
- Supports peer to peer transfers between cards in slots of the expansion chassis

Features:

- Easy "Plug and Play" installation
- Easily visible LEDs indicate correct installation
- Includes x8 PCI Express host card and 1 meter iPass cable
- All slots support any combination of x1, x4, x8 and x16 PCI Express cards
- Transparent extension of PCI Express signals outside the computer
- All slots support full-length cards
- 2U rack-mount enclosure
- 500W power supply
- Dedicated fan for cooling hot cards
- Thermister controlled fan speeds help reduce unnecessary noise
- CE certified and FCC Class A verified
- RoHS compliant
- 30 day money back guarantee