

# ExpressBox 2400

7-slot PCIe Gen 2 Expansion Chassis



## State-Of-The-Art High Performance Computing Expansion Platform featuring High Speed PCIe Gen 2 x8 connectivity

Magma's (7) slot ExpressBox 2400 is part of our high density PCIe expansion chassis line. Accommodating (7) full-length, full-height PCIe cards, while only being 4U and 8.5" wide, the EB2400 is the perfect chassis for small space applications, where size is a top priority.

Free up valuable rack space with the modular EB2400. Add additional expansion or compute power without redesigning hardware racks. Combine the EB2400 with an EB3400, in (1) full 4U rack, to create a system with PCIe Gen 2 I/O and PCIe Gen 3 high performance capability.

Developed from our mission critical engineering standards, the EB2400 is the perfect combination of reliability and efficiency.



### SPECS OVERVIEW

- Seamlessly expand servers and workstations with (7) additional PCI Express slots
- Use any combination of x1, x4, x8 and x16 PCIe cards
- Supports x8 Gen 2 speeds up to 40 Gbps
- High density form factor

### FEATURES

- Transparent extension of PCI Express signals outside the computer
- Low profile host card allows for easy installation in low profile computers
- Supports peer-to-peer transfers between cards in the expansion chassis to provide full bandwidth potential among I/O cards
- Supports daisy-chaining or fan-out configuration of multiple expansion chassis
- Supports (7) full-length, full-height PCIe cards

### BENEFITS

- Extension of PCI Express signals outside the computer.
- Daisy-chain or end-point device

#### POWER SUPPLY

520 watt internal power supply

#### TECHNOLOGY

PCI Express Bus Specification Rev 2.0  
PCI Local Bus Specification Rev 2.3  
PCI Bridge Architecture Rev 1.2

#### BACKPLANE

8 PCIe slots, 1 dedicated for expansion (upstream) interface  
X8 PCIe Gen2 slot speeds (x16 connectors)

#### HOST CARD

Low profile x8 PCIe copper or fiber  
1.25A @ 3.3V maximum

#### INTERCONNECT BANDWIDTH

40 Gbps

#### ENCLOSURE

Standard: 16.5 inch length, 8.5 inch width  
7.25 inch height.

#### SYSTEM COOLING

(2) 92mm x 92mm x 25mm

#### ENVIRONMENTAL

Ambient Temp: 0° to 50° C  
Storage Temp: -20° - 60° C  
Relative Humidity: 5% to 85% non-condensing

#### MTBF

100,000 hours

#### SUPPORTED OPERATING SYSTEMS

Windows  
Mac OS  
Linux  
Solaris

#### WARRANTY

Money back guarantee  
1 year return to factory

NOTE: Product features are subject to change at Magma's discretion.



9918 Via Pasar, San Diego, CA 92126  
Toll Free: 1.800.285.8990  
Telephone: 1.858.530.2511  
E-mail: sales@magma.com

Visit us online @ [www.magma.com](http://www.magma.com)



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