

ExpressBox 3400

7-slot PCIe Gen 3 Expansion Chassis

State-Of-The-Art High Performance Computing Expansion Platform featuring High Speed PCIe Gen 3 x16 connectivity

Magma's ExpressBox 3400 is the latest PCIe expansion chassis in our growing Gen 3 product line. Featuring (7) PCIe slots, x8 electrical and x16 mechanical, the EB3400 is ideal not only for high performance I/O PCIe cards, but is perfect for super fast SSD and computational GPUs. Known for reliability, Magma designed this chassis with the extremes of simulation, test and measurement, and high performance computing in mind. The EB3400 is highly adaptable and has the ability to be rack-mounted in a server room and is small enough for custom applications in the field.

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 3 speeds up to 80 Gbps

FEATURES

- Extension of PCI Express signals outside the computer
- Daisy-chain or end-point device
- Space optimized design
- Dedicated cooling and power
- Gen 3 PCIe host link card and cabling

BENEFITS

- Transparent extension of PCI Express signals outside the computer
- Low-profile host card allows for easy installation into 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 full-length cards in all (7) slots



POWER SUPPLY

520 watt internal power supply

TECHNOLOGY

PCI Express Bus Specification Rev 3.0
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 Gen3 slot speeds (x16 connectors)

HOST CARD

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

INTERCONNECT BANDWIDTH

80 Gbps (PCIe x8 Gen 3)

SNMP MONITORING

Optional remote monitoring of fan status, temperature, and power status.

ENCLOSURE

Standard: 16.5" L x 8.5" W x 7.25" H

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 7, 8
Mac OS 10.6.8 or Higher
Linux
Solaris

WARRANTY

30-day money back guarantee
1 year return to factory

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