

# ExpressBox 3200

Gen 3 PCIe-to-PCIe Expansion Chassis



## Featuring Gen 3 PCIe Connectivity and Two 5.25-inch Option Bays

Provides expansion for up to three PCIe-based, full length cards

Two 5.25" bays

Rack-mountable metal, 2U chassis (14.25" Wide x 3.48" High x 17" Deep)

520-watt fanless power supply



Connect high performance peripherals at Gen 3 speed. The ExpressBox 3200 is our latest Gen 3 marvel - precision engineered to the same exacting standards demanded by our defense and aerospace customers. The EB3200 is built for blistering speed and features three (3) full-length, full-height PCIe slots and flexibility with two customer configurable 5.25" expansion bays. The rack-mountable aluminum chassis is designed for integrated removable storage expansion, a 520-watt fanless power supply, auxiliary power, and features Magma's exclusive quiet cooling technology.

ExpressBox 3200 is compatible with a series of operating systems, including MacOS, Windows, Linux, and Solaris.

Multiply your capacity by adding a host of specialty PCIe cards to any computer with an available PCIe slot, and achieve amazing performance in any workstation configuration. ExpressBox 3200's patented performance optimizing backplane seamlessly integrates PCIe expansion to ensure that all devices installed in the system operate with the maximum possible speed.

With Gen 3 PCIe cabling and scorching-fast card-to-card communication, ExpressBox 3200 is the only choice for serious computing environments.

### Host Connection

Host side: Low profile x8 PCIe (1.2A @ +3.3V maximum)

Expansion side: Low profile x8 PCIe (1.2A @ +3.3V maximum)

### Interconnect Bandwidth

8 GT/s (PCIe x8 Gen 3)

### Cable

1-meter Gen 3 PCIe Cable

### Technology

PCI Express Bus Specification Revision 3.0

PCI Local Bus Specification Revision 2.3

PCI Bridge Architecture Revision 1.2

### Backplane

Three (3) available full length/ full height expansion slots

Electrical: x8 PCIe

Physical: x16 PCIe

### Enclosure

2U Aluminum Desktop - Black

14.25" Wide x 3.48" High x 17" Deep (363mm x 88.4mm x 432mm)

(2) 5.25" Option Bays

8.5 lbs (3.6 kg)

Tool-less cover removal

White power-on indicator front panel light

### System Cooling

One 80mm 33.4 CFM

Expansion Card/Backplane Fan

Variable speed thermistor control option (or full speed)

### Power Supply

520-Watt Fanless Power Supply

AC Input: 100-240VAC

Input Frequency: 50-60Hz

Input Current: 8.0A Max

DC Output: 540 Watts Max

+12V 43.0A maximum

-12V .5A maximum

+5V 20.0A maximum

+3.3V 20.0A maximum

+5Vsb 2.5A maximum

Total power on +3.3V and 5V must not exceed 100W max

Auxiliary power cables:

(5) 4-pin Molex connectors

(2) 6-pin + 2 PCIe connectors

(2) PCIe Connectors

### Environmental

Ambient Temperature:

0°C to 50°C

Storage Temperature:

-40°C to 125°C

Relative Humidity:

10% to 90% non-condensing

### MTBF

35,000 Hours at 40°C

### Chassis Features

Removable desktop feet

Rack-mount kit included

### Regulatory Compliance

FCC Class A Verified

CE Certified

RoHS Compliant

### Warranty

Money back guarantee

1 year return to factory



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