

PCI Express to PCI Express expansion with two x16 and fourteen x8 Gen-2 slots

Order-No.: WM1-090-8xx Series/Model: ExpressBox16-BX8



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PCIe to PCIe Expansion with two x16 and fourteen x8 Gen2 slots

Main Product Features

- **Easy “Plug and Play” installation**
- **Supports peer-to-peer transfers between cards in the expansion chassis to provide full bandwidth potential among I/O cards**
- **LEDs on backplane indicate: active link, speed (Gen 1 or Gen 2), partial or complete lane training**
- **Industrial 4U rack-mount enclosure**
- **Four dedicated cooling fans with thermistor-controlled fan speeds to reduce unnecessary noise**
- **Multiple power supply options with auxiliary power connectors to support cards requiring more than 75 Watts**

Magma’s ExpressBox 16 is the simplest solution to seamlessly increase the number of PCI Express® slots available to your server or workstation. ExpressBox 16 expands one host PCIe® slot to sixteen slots by extending PCI Express signals over a high-bandwidth x8 or x16 connection to an external Magma enclosure.

ExpressBox 16 consists of a pair of interface cards (x8 or x16), an iPass cable and a 4U rack-mount expansion chassis. The Magma expansion chassis is automatically configured by the System BIOS, with the expansion slots appearing transparently on the host computer.

Benefits:

- **Industrial solution for adding up to sixteen PCI Express slots to one computer**
- **Attach full-length PCI Express cards computers with limited card space**
- **Daisy chain or fan out multiple expansion chassis to one computer**
- **Low profile host card allows for easy installation in low profile computers**

Applications

- HighSpeed data streaming
- Telecommunications
- Military applications
- Server and computer system extensions
- Data collection
- Measuring technology
- Medical technology
- Video editing
- Music production
- Industrial automation and control systems

Data Sheet Download



[16-Slot x4 Gen-2 PCIe zu PCI Express Erweiterung \(1.2 MiB\)](#)



Opening the Download-Files May require the Adobe-Acrobat-Reader.

[Click here to download the Adobe-Acrobat-Reader.](#)

If you have questions please don't hesitate to contact us any time.

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