

# PCI Express to PCI Express expansion with 16 PCIe x4 Gen-2 slots

Order-No.: WM1-090-800 Series/Model: ExpressBox16-BX4



[Click to enlarge](#)

PCI Express to PCI Express Expansion with 16 x4 Gen-2 PCIe 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.***

**Phone** +49 (89) 3133007, **Fax** +49 (89) 3146706, [wuntronic@wuntronic.de](mailto:wuntronic@wuntronic.de) or send us our [Contact form](#)

**Wuntronic GmbH, Heppstrasse 30, D-80995 Munich, Germany**