# 5-Slot x16 (16 Lane) Gen-3 PCI Express Erweiterung

## Order-No.: WM1-098-100  Series/Model: ExpressBox 3450



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**5 Slot x16 Gen-3, 4HE PCIe Expansion System for High Performance Computing**

## Main Product Features

- **Accommodates 4 double wide GPUs and one single wide peripheral**
- **PCIe Gen 3 x16 (128Gbps) for all connec-tions**
- **Supports both workstation and server class GPUs**
- **Designed for HPC peripherals (SSDs and GPUs)**
- **Rack shelf and desktop compatible**
- **Passive host interface; no PCIe switch on host link cards provides lowest latency possible**
- **Two 1200W/1500W hot swappable power supplies standard**
- **Direct flow through air cooling for maxi-mum cooling efficiency with fan speed con-trol**
- **Design optimized for GPU applications - concentrate your HPC investment in a chassis that will support full GPU perfor-mance utilization**
- **Low-profile host card allows for easy instal-lation 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 of fan-out configu-ration of multiple expansion chassis**

Magma's ExpressBox 3450 provides optimal server grade GPU and other HPC peripheral expansion to existing host computer systems. Designed to support full Gen 3 x16 PCIe connectivity to all devices, the EB3450 supports 128 Gbps communication between the host and all peripherals. Up to four double wide (e.g. GPU) and one single wide PCIe devices are supported through expansion.

The EB3450 supports fan speed control which allows the support of a variety of peripherals including workstation class GPUs for quiet deskside HPC. The EB3450 is ideal for media and entertainment, oil and gas exploration, finance, simulation and virtualization. Server class GPU devices are supported with higher airflow for data center applications. The EB3450 includes Magma's Express I/O for system control, monitoring and alarming.

## Application

- GPU (Graphics Processing Units)
- HPC (High Performance Computing)
- Highspeed Datenstreaming
- Telekommunikation
- Militärische Anwendungen
- Server-und Computersystem-Erweiterungen
- Datenerfassung
- Messtechnik
- Medizintechnik
- Video Bearbeitung

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

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