

ExpressBox 16 Basic

Part Number: OSS-EB16

FEATURES

- Adds sixteen slots through a single host slot
- Use any combination of x1, x4, x8 and x16 cards
- Supports speeds up to 80Gbps
- x8 or x16 interconnect options
- 850W, 1700W, or 850W redundant power supply
- Easy “Plug and Play” installation
- Industrial 4U rackmount enclosure
- Chassis provides superior EMI control, vibration, shock and moisture resistance



The ExpressBox 16 Basic (EB16) 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 PCIe signals over a high-bandwidth x8 or x16 connection to an external enclosure. EB16 consists of a pair of interface cards (x8 or x16), an iPass cable and a 4U rackmount expansion chassis. The chassis is automatically configured by the system BIOS, with the expansion slots appearing transparently on the host computer.

SPECIFICATIONS

Enclosure	19"W x 20"L x 7"H 28lbs Removable/cleanable air filter
Technology	PCI Express Bus Specification 2.0 PCI Local Bus Specification Revision 2.3 PCI Bridge Architecture Revision 1.2
Base Models	EB16-BX4: (16) x4 PCIe slots EB16-BX8: (14) x8 and (2) x16 PCIe slots
Host Connection and Power Consumption	Low Profile x8 PCIe: 1.25A @ +3.3V maximum x16 PCIe: 1.5A @ +3.3V maximum
Interconnect Bandwidth	40Gbps (PCIe x8 Gen 2) 80Gbps (PCIe x16 Gen 2)
Power Supply Options and Specs	Standard 850 Watt Standard 1700 Watt Redundant 850 Watt 100-240 VAC, 47-63 Hz Power Input 12V @ 60 Amps 3.3V @ 33 Amps
Cable	3 meter iPass
Rack Installation	Optional Chassis Trak® rack slide kit
System Cooling	Four 77CFM Backplane Fans (hot-swappable) Power Supply Fan(s)

Part Number: OSS-EB16

SPECIFICATIONS CONTINUED

Supported Operating Systems	Windows, MacOS X, Linux, and Solaris
MTBF	Standard 850 Watt: 185,600 hours Standard 1700 Watt: 106,600 hours Redundant 850 Watt: 720,000 hours
Environmental	Ambient Temp: 0° to 50°C Storage Temp: -55 to 125°C Relative Humidity: 0% to 90% non-condensing
Regulatory Compliance	FCC Class A Verified RoHS Compliant CE
Warranty	Money back guarantee 1 year return to factory (extendable)