

IXE Seven Slot PCI Express® Gen2 Expansion Chassis



The IXE Seven Slot Expansion product is a member of the IX family of PCI Gen2 products. IXE expansion products address a host of applications. It is a platform that goes beyond the traditional Expansion Chassis applications. A modular Solution for expanding I/O capacity while designing out obsolescence

The IXE Chassis is built with modularity and scalability in mind. It has an Expansion Interface Card installed in one PCIe chassis slot that provides x8 Lanes of PCI Express connection to the Host.

The EB7-x8G2, with its companion Host Card and high-performance cable, extends the PCI Express bus out of the Host and allows for seamless integration of up to 7 PCI Express I/O cards per chassis. The IXE chassis can be easily transformed into a Host Computer

with 8 slots when a Root Complex card is installed in place of the Expansion Interface card in the chassis.

It is the optimal method to enhance PCI Express capabilities and maximize Server performance

The IXE Chassis has 7 full-length PCI Express slots capable of supporting multiple high bandwidth devices such as 10-Gb Ethernet and 10-Gb Fiber Channel. Run multiple graphics cards for GPU computing. This chassis is also ideal for Audio and Video devices that require low latency. The uplink to the Host computer is x8 PCI Express Gen 2 which allows for multiple PCI Express devices in the chassis to maximize throughput of up to 8 GBytes per second. Enable your server for high performance computing and maximize I/O without adding extra computers to your network

FEATURES

- ▶ Easy "Plug and Play" installation
- ▶ Easily visible LEDs indicate correct installation
- ▶ Includes x8 PCI Express Host card
- ▶ All slots support any combination of x1, x4, x8 and x16 PCI Express cards
- ▶ Transparent extension of PCI Express signals outside the computer
- ▶ Daisy chain multiple chassis or fan out chassis from host using available PCI Express slots
- ▶ 4U rack-mount enclosure
- ▶ All slots support full-length cards
- ▶ 400W Hot-Swappable Redundant Power Supply
- ▶ Optional 550 watt Power Supply available
- ▶ Dedicated fan for cooling hot cards
- ▶ Thermister controlled fan speeds help reduce unnecessary noise
- ▶ CE certified and FCC Class A verified
- ▶ RoHS compliant

IXE60X

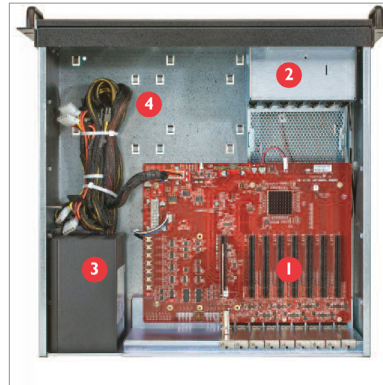
PCI Express® Gen2 Expansion Chassis

Product Overview

Top View

1. Seven PCI Express slots
2. Backplane cooling fan assembly with slot holders for full-length cards
3. 400W, 90-264V/6.3A, 47-63HZ Power Supply
4. Space for 1 optional drive cage-mount up to four 3.5" internal hard drives

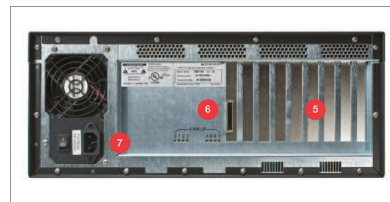
Figure 1



Rear View

5. PCI Express card slot opening
6. iPass connector to Host Computer
7. Power cord socket

Figure 2



SPECIFICATIONS

Backplane	(8) PCI Express slots (7) User slots, (1) Host Interface Card x16 connectors, x8 slot speeds Hot-pluggable slots
Cable	1-meter iPass
Bandwidth	4GBytes/sec simplex 8GBytes/sec full duplex
Enclosure	4U Rack-mount 19" wide, 7" High, 17.7" Depth Removable/cleanable air filter 24 lbs or 11.840Kg
System Cooling	One 69.15 CFM Backplane fan One Power Supply Fan
Hard Drive Support	Optional Drive Cage
Host Connections	x8 PCI Express connector, x8 slot speeds Low profile board
Power Consumption	1.25A@ +3.3V maximum
PCI Express Specification	PCI Express Bus Specification Revision 2.0
Rack Installation	Optional Chassis Trak® rack slide kit Optional PCI Express card hold down kit
Chassis Power Supply	AC Input: 90-264 VAC Input Frequency: 47-63 HZ Input Current: 6.3A Max DC Output: 400 Watts Max +12V 22.0A maximum -12V 0.8A maximum +5V 8.0A maximum +3.3V 28.0A maximum
Regulatory	CE Mark FCC Class A Verified UL Listed I.T.E. (E211209) RoHS Compliant
Environmental	Ambient Temperature 0° to 50° C Storage Temperature -20° to 60° C Relative Humidity:5% to 85% non-condensing
MTBF	100,000 hours
Operating Systems	Windows XP, Windows 2003, Windows 2008, Windows Vista, and Windows 7 Linux
Product Codes	IXE605 Expansion Chassis IXE606 Redundant Power Supply Chassis



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