



ExpressModule™

Expansion Blade Product Family


Model EMx8



PE6R4-EM
EMx8 to (x4) 6 slot
PCI-X Expansion System
(4U form factor)



EB7-EM
EMx8 to (x4) 7 slot
PCI Express Expansion System
(4U form factor)



EB4-EM
EMx8 to (x4) 4 Slot
Expansion System (2U form factor)



EB4-1U-EM
EMx8 to 4 Slot PCI Express Expansion System
(1U form factor with redundant PS and SNMP capabilities)



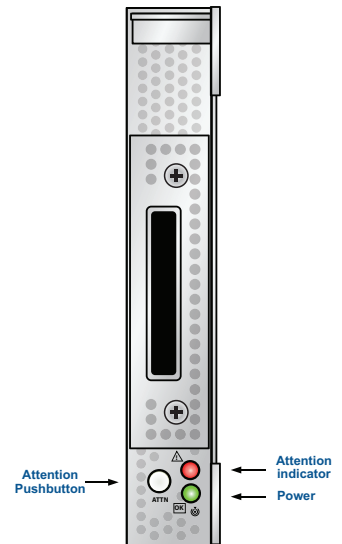
EMx8
ExpressModule x8 Host Card



CBL11P-EM
iPass Cable

Product Overview:

- Magma's ExpressModule is the enabler for attachment to a variety of Magma's Blade Expansion Chassis
- Magma's EMx8(x8) Host PCIe ExpressModule connects to a family of Magma Blade Expansion Chassis via an iPass cable
- Magma offers a complete range of Blade Expansion Chassis for the PCI Express and PCI-X I/O fabric that allows the integration of any off-the-shelf I/O cards
- Allows customers to augment their I/O functional needs as well as add Blade compute engines without additional Blade Servers
- Each Magma Expansion chassis supports some or all of the following feature sets: Hot Swap capability, redundant power, and space for additional Hard Drives



Express Module Front Panel

Expansion Chassis Specifications:

Datasheets for Magma products are available online at www.magma.com

How to find the Expansion Model Datasheets :

PE6R4-EM: PCI & PCI-X Expansion / 6 Slot PCI-X (Model PE6R4)
EB7-EM: PCI Express Expansion / [ExpressBox⁷](#)

EB4-EM: PCI Express Expansion / [ExpressBox⁴](#)
EB4-IU-EM: PCI Express Expansion / [ExpressBox⁴IU](#)

How to Buy:

All Magma products can be purchased online at www.magma.com or through a reseller.

Model Names:

EMx8 - Host Card
PE6R4-EM – 6 Slot PCI-X Expansion with EMx8 (4U)
EB7-EM – 7 Slot PCI Express Expansion with EMx8 (4U)

EB4-EM – 4 Slot PCI Express Expansion with EMx8 (2U)
EB4-IU-EM – 4 Slot PCI Express Expansion with EMx8 (1U)

EMx8 Specifications:

Conformance	Physical Characteristics	Supported Operating Systems
ExpressModule Electromechanical Specification 1.0 Supports Hot Insertion/Removal	Length 170mm (6.69 inches) Width 21.5mm (0.85 inches) Height 112mm (4.41 inches)	Solaris 10 01/07 Operation System SuSe Linux Enterprise Server 10 RedHat Enterprise Linux 4.0_u4 RedHat Enterprise Linux 4.0_u3 Windows Server 2003+
Front Panel LED Displays	Power Requirements	Warranty
LED A Attention Indication LED B Power Indication	Power Consumption 4.26W RMS typical 6.02W maximum DC Voltage +12V 0.42A maximum +3.3V 0.28A maximum	30 day money back guarantee 1 year return to factory
DIP Switch	Environmental	
ON x4 Lane Traffic Off x8 Lane Traffic	Ambient Temperature 0° to 50° C Storage Temperature -20° to 60° C Relative Humidity: 5% to 85% non-condensing	
Attention Switch	MTBF	
Module Attention Button	53,000 Hours	
Hardware Requirements	Regulatory Compliance	
Sun Blade 6000 Modular System Sun Blade 6048 Modular System Sun Blade 8000 Modular System	FCC Class A Verified CE Certified UL/CIL Listed RoHS Compliant	



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