Switching 10/100/1000 Mbps
PC Card Ethernet Media Converter

McPC Giga-MediaLinX

PRODUCT FEATURES

- Easily installs inside a desktop PC
- No configuration required, connects to existing NIC card
- No drivers to install
- Available in PCI

The McPC Giga-MediaLinX media converter is ideal for Fiber-to-the-Desktop (FTTD) applications and for companies with frequent workstation moves and changes. Installing the McPC Giga-MediaLinX media converter in an available PCI slot in a workstation's slot, adjacent to the NIC, eliminates eliminate the need to place media converters on top of desks or computers, reducing clutter of cords and adapters at the workspace.

The McPC Giga-MediaLinX media converter accommodates crossover or pass through connections with AutoCross, a feature which automatically selects the correct operating mode. LEDs are included to assist in network diagnostics and troubleshooting.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
McPC Giga-MediaLinX PCI					
855-12920	MM850-SC	1	220/550 m	1	RJ45

B+B SMARTWORX

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SPECIFICATIONS

TECHNICAL
Save money by keeping existing copper network card (NIC) and converting inside the PC
No drivers to install; mounts inside any PC or workstation with a standard PCI slot
Includes a standard 4-pin peripheral power connector
AutoCross
50/125µm or 62.5/125µm multi-mode fiber
Includes status LEDs
RoHS Compliant
MCPC GIGA-MEDIALINX
10/100/1000 Mbps twisted-pair copper to 1000 Mbps fiber conversion
IEEE 802.3 10Base-T twisted-pair
IEEE 802.3u 100Base-TX twisted-pair
IEEE 802.3ab 1000Base-T twisted-pair
IEEE 802.3z 1000Base-LX or SX fiber
Features Link Fault Detection (LFPT)
Features Auto Negotiation
CONNECTORS
RJ45, SC
Supports half-duplex and full-duplex operation

MECHANICAL	
PCI slot configurations	
Shipping Weight	0.22 kg (0.6 lbs)
ENVIRONMENTAL	
Operating Temperature	0 to +50 °C (+32 to +122 °F)
Storage Temperature	-20 to +70 °C (-4 to +158 °F)
Operating Humidity	5 to 95% (non-condensing)
REGULATORY APPROVALS	
FCC Class B, RoHS	
UL/cUL, CSA, CE	
MEANTIME BEFORE FAILURE	
MTBF	1.4 million hours

DIAGRAM

Mini-Power Connector

McPC

Male Standard Connector

Female Standard Connector

Cat5 Ethernet Cable Connects to 10/100 Ethernet Card

Standard 10/100 Ethernet Card