

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

## McPC Giga-MediaLinX

**B+B SMARTWORX**

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### 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 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
<b>McPC Giga-MediaLinX PCI</b>					
<b>855-12920</b>	MM850-SC	1	220/550 m	1	RJ45

All product specifications are subject to change without notice.

McPC Giga-MediaLinX\_4517ds

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

McPC Giga-MediaLinX



## 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

