



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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
McPC Giga-MediaLinX PCI					
855-12920	MM850-SC	1	220/550 m	1	RJ45

All product specifications are subject to change without notice.

McPC Giga-MediaLinX_4517ds

B+B SMARTWORX

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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

