



# Lexmark MarkNet™ N8230 Fiber Ethernet Print Server

Equip your Lexmark device with the ultimate network interface for communication speed, distance, accuracy and security.

## The fiber optic edge

While Ethernet running on twisted-pair copper wiring is a fast, secure, and effective network interface for mainstream business settings, some environments require the ultimate in communication bandwidth and security: fiber optic networking.

The Lexmark MarkNet™ N8230 Fiber Ethernet Print Server supports network communications at the highest level of speed and security by interfacing one of two LC-standard fiber ports with your supported Lexmark device's internal Ethernet connection at full-duplex megabit (100Base-FX) or gigabit (1000Base-SX) fiber speeds.

## Security for special needs

In addition to providing maximum bandwidth that assures greater speed and accuracy over longer distances than traditional twisted copper pairs, a fiber optic interface also adds a level of security that electrical connections cannot offer.

Since fiber optic systems do not radiate electromagnetic signals like copper transmission lines, even sophisticated electronic methods of intercepting information won't work. That makes fiber valuable in environments such as government, banking, law enforcement and defence.

In addition, fiber optics have greater electromagnetic immunity, eliminating the chance of radio frequency interference in electrically "noisy" environments such as a factory or warehouse.

The Lexmark MarkNet™ N8230 Fiber Ethernet Print Server brings all these advantages directly to your Lexmark device without external boxes or adapters. You get fiber connectivity in a single, easily installable internal card.

## Features that outperform

- ▶ **Network communications security:** The print server supports SNMPv3, IPsec and 802.1x authentication data encryption for communication security in all supported printers and MFPs. Advanced functions such as VLAN filtering packet processing provide added speed.
- ▶ **Network protocol support:** Simultaneous active protocol support allows you to print from different systems without reconfiguring. Like standard Lexmark Ethernet connections, that includes TCP/IP IPv4, TCP/IP IPv6, Novell (IPX/SPX including NetWare Directory Services) and LexLink (DLC/LLC). It even supports on-board verification of IP headers and TCP/UDP checksums for received data.
- ▶ **Embedded web page:** Administrators can flash-update access device firmware, as well easily monitor device status and change default settings, using a web browser.
- ▶ **Diagnostic LEDs:** Onboard LED indicators for LINK/ACT and FDX confirm board link and full duplex status.
- ▶ **Complete package:** Print server ships in configurations to support many Lexmark devices (see specifications), including appropriate adapters and documentation.



Product Specifications	Lexmark MarkNet N8230 Fiber Ethernet Print Server	Lexmark MarkNet N8230 Fiber Ethernet Print Server
<b>Technical Specifications</b>		
Part number	27X0142	27X0802
Supported MFPs and printers	CS820 C6160 CX820, CX825, CX860 XC6152, XC8155, XC8160 MS710 Series MX 710 Series M5155, M5163 XM5163, XM5170 MS810 Series, MX810 Series M5170 XM7155, XM7163, XM7170 MS911 Series MX910 Series XM9145, XM9155, XM9165	C720, C725 CX725 C4150 XC4140, XC4150
Supported Networks	100BASE-FX and 1000BASE-SX	
Optical Wavelength	1310nm (100BASE-FX) and 850nm (1000BASE-SX)	
Optical Fiber	62.5/125mm (100BASE-FX) and 50/125mm (1000BASE-SX)	
Native Connector	LC	
Adapters	ST and SC	
Duplex Support	Yes	
Package Size L x x h inches (mm)	8.7 (220) x 6.0 (153) x 1.6(40)	12.0 (304.8) x 8.0 (203.2) x 6.1 (154.4)
Package Weight lbs (KG)	0.51 (0.232)	1.31 (0.594)
What's in the box	MarkNet N8230 Fiber Ethernet Card ST to ST Coupler SC to SC Coupler 1 meter SC to LC Cable 1 meter ST to LC Cable Fiber Card Mounting Hardware Publication	MarkNet N8230 Fiber Ethernet Card ST to ST Coupler SC to SC Coupler 1 meter SC to LC Cable 1 meter ST to LC Cable Fiber Card Mounting Hardware Publication