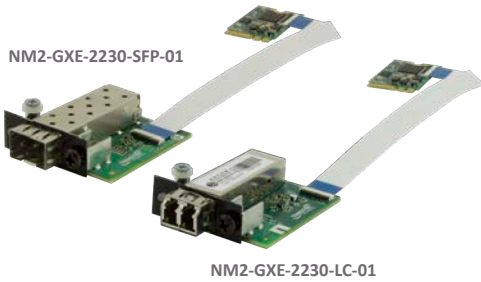


## M.2 Gigabit Ethernet Fiber Network Interface Card for Dell OptiPlex™ 7040/7050 Micro PCs & Wyse 7000 Series

1000Base-SX/X



Transition Networks M.2 Gigabit Ethernet Fiber Network Interface Card (NIC) provides a fiber optic interface for the Dell OptiPlex™ 7040/7050 Micro PCs and the Wyse 7000 Series thin clients. The NM2-GXE-2230-xx-01 Series consists of a M.2 NIC that installs into the OptiPlex Micro PC's M.2 "A or E keyed" interface, a fiber optic adapter that installs into the OptiPlex Micro PC's Option port, and a 20-pin Flat Flex Cable (FFC) that connects the NIC to the fiber adapter. The fiber optic adapter is available with either a 1000Base-SX LC optic or open SFP (SFP module sold separately).

### Ordering Information

**NM2-GXE-2230-LC-01**  
 1000Base-SX 850nm multimode (LC)  
 [62.5/125 μm fiber: 220 m/722 ft.]  
 [50/125 μm fiber: 550 m/1804 ft.]  
 Link Budget: 8.0 dB

**NM2-GXE-2230-SFP-01**  
 1000Base-X Open SFP Slot

Optional Accessories (sold separately)

SFP Modules

### Features

- PCI Express M.2 compliant
- A + E keyed M.2 interface
- Full duplex
- Flow control
- Wake on LAN (WOL)
- Smart Load Balancing (SLB)
- TCP Segmentation Offload (TSO)
- Message Signaled Interrupts (MSI)
- Extended Message-Signaled Interrupts (MSI-X)
- LACP support (Teaming)
- IPv6 Capable
- Supports UEFI
- Supports PXE boot
- Jumbo frame support 9014 bytes
- 1000Base-SX multimode LC fiber connector or open SFP interface

### Specifications

Standards	IEEE 802.3-2012
Bus Slot	M.2 - '2230-D4-A-E'
Data Rate	1000 Mbps (full duplex only)
Max Frame Size	9014 bytes
Status LEDs	LINK/ACT ON = Link Flashing = Activity
Dimensions (M.2 NIC)	2230-D4-A-E Width: 0.87" [22 mm] Depth: 1.18" [30 mm] Height: 0.12" [3.08 mm]
Dimensions (Fiber Interface)	Width: 1.65" [42 mm] Depth: 2.05" [52 mm] Height: 0.51" [13 mm]
Dimensions (FFC Cable)	Length: 2.99" [76 mm]
Software Support	Windows 10, 8, 8.1, and 7 (32/64 bit); Linux
Power Consumption (LC)	250mA @ 3.3V (0.8 Watts typical)
Power Consumption (SFP)	120mA @ 3.3V (0.4 Watts typical without SFP module)
Power Source	M.2 interface connector: 3.3V (Refer to table 41 of M.2 Specification)
Environment	Operating: 0°C to +45°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	0.1 lbs. [0.05 kg]
Certifications	CE Mark; Emissions: EN55032, FCC Part 15 Class A; Immunity: EN55024
Warranty	Lifetime