



# Lenovo 00MM950 network card Internal Fiber 40000 Mbit/s

Brand : Lenovo

Product code: 00MM950

Product name : 00MM950

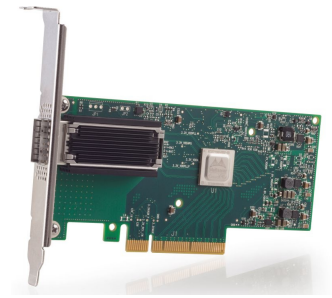
Mellanox ConnectX-4 Lx 1x40GbE QSFP+

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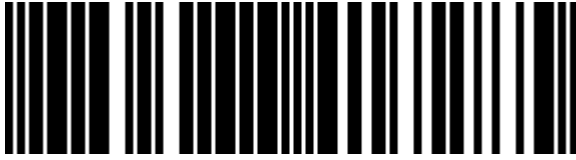
ConnectX-4 from Mellanox is a family of high-performance and low-latency Ethernet and InfiniBand adapters. The ConnectX-4 Lx EN adapters are available in 40 Gb and 25 Gb Ethernet speeds and the ConnectX-4 Virtual Protocol Interconnect (VPI) adapters support either InfiniBand or Ethernet.

These adapters address virtualized infrastructure challenges, delivering best-in-class performance to various demanding markets and applications. Providing true hardware-based I/O isolation with unmatched scalability and efficiency, achieving the most cost-effective and flexible solution for Web 2.0, Cloud, data analytics, database, and storage platforms.

The following figure shows the Mellanox ConnectX-4 2x100GbE/EDR IB QSFP28 VPI Adapter (the standard heat sink has been removed in this photo).  
Lenovo 00MM950. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Fiber.  
Maximum data transfer rate: 40000 Mbit/s. Product colour: Green



Ports & interfaces		System requirements			
Connectivity technology *	Wired	Compatible operating systems	Microsoft Windows Server 2012 (no SR-IOV support) Microsoft Windows Server 2012 R2 Microsoft Windows Server 2016 Red Hat Enterprise Linux 6 Server x64 Edition, U7 Red Hat Enterprise Linux 7, U2 SUSE LINUX Enterprise Server 11 for AMD64/EM64T, SP4** SUSE LINUX Enterprise Server 12, SP1** VMware ESXi 5.5, U3* VMware ESXi 6.0, U2*		
Host interface *	PCI Express				
Interface *	Fiber				
Fiber ports quantity	1				
Fiber optic connector	QSFP+				
PCI Card form factor	Full-height (low-profile)				
Network		Operational conditions			
Maximum data transfer rate *	40000 Mbit/s	Operating temperature (T-T)	0 - 55 °C		
Networking standards *	IEEE 802.1Q, IEEE 802.1Qau, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1Qbg, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3ap, IEEE 802.3az, IEEE 802.3ba	Storage temperature (T-T)	-40 - 70 °C		
		Operating relative humidity (H-H)	0 - 90%		
		Storage relative humidity (H-H)	0 - 90%		
		Sustainability			
		Sustainability certificates	RoHS		
Design		Packaging data			
Component for *	Server	Quantity	1		
Product colour	Green				
Internal *	✓				
Safety	CB, cTUVus, CE				
Certification	CE, FCC, VCCI, ICES, RCM				



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