

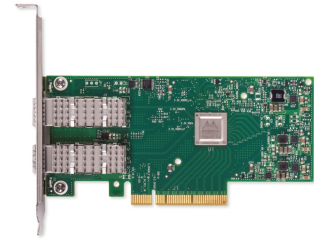


Lenovo 7ZT7A00507 network card Internal Fiber 25000 Mbit/s

Brand : Lenovo

Product code: 7ZT7A00507

Product name : 7ZT7A00507



ThinkSystem Mellanox ConnectX-4 Lx ML2 25Gb 2-Port SFP28 Ethernet Adapter

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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).



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	2		
Fiber optic connector	SFP28		
PCI version	3.0		
Network		Operational conditions	
Maximum data transfer rate *	25000 Mbit/s	Operating temperature (T-T)	0 - 55 °C
Networking standards *	IEEE 802.1AX, IEEE 802.1Q, IEEE 802.1Qau, IEEE 802.1Qaz, IEEE 802.1Qbb, IEEE 802.1Qbg, IEEE 802.3ad, IEEE 802.3az	Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	0 - 90%
Design		Sustainability	
Product colour	Green	Sustainability certificates	RoHS
Internal *	✓	Packaging data	
Safety	CB, cTUVus, CE	Quantity	1
Certification	CE, FCC, VCCI, ICES, RCM	Logistics data	
		Harmonized System (HS) code	85176990



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