



Lenovo 7ZT7A00546 network card Internal Fiber 10000 Mbit/s

Brand : Lenovo

Product code: 7ZT7A00546

Product name : 7ZT7A00546



ThinkSystem 10Gb 2-port SFP+ LOM

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The Intel Ethernet Connection X722 is a network controller embedded into the Intel C624 "Lewisburg" PCH chipset of Lenovo ThinkSystem servers. The controller connects to available 10 GbE and 1 Gigabit Ethernet LAN-on-motherboard (LOM) adapter cards and onboard connectors to provide a comprehensive 1 GbE / 10 GbE networking solution for ThinkSystem customers.



ThinkSystem servers support either 10 Gb Ethernet copper or optical connections, or Gigabit Ethernet connections depending on the server model.

The following figure shows the ThinkSystem 10Gb 4-port SFP+ LOM adapter which provides four SFP+ cages for optical or direct-attach copper (DAC) connectivity.

Lenovo 7ZT7A00546. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Fiber. Maximum data transfer rate: 10000 Mbit/s. Product colour: Green, Metallic

Ports & interfaces		Design	
Connectivity technology *	Wired	Certification	UL recognized to UL60950-1 2nd Edition FCC Rules, Part 15, Class A Australian EMC Framework (RCM) Japan VCCI, Class A Industry Canada, ICES-003, Class A EU (CE Mark) Korea KC-RRA, Class A
Host interface *	PCI Express		
Interface *	Fiber		
Fiber ports quantity	2		
Network		Compatible products	SR630 SR650 SR850 SR860 SR950
Maximum data transfer rate *	10000 Mbit/s	System requirements	
Networking standards *	IEEE 802.1Q, IEEE 802.1Qbg, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x	Other operating systems supported	VMware vSphere ESXi
Ethernet LAN	✓	Server operating systems supported	SUSE Linux Enterprise Server 11, SUSE Linux Enterprise Server 12, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2016
Ethernet LAN data rates	10000 Mbit/s		
Security algorithms	SNMP	Technical details	
Jumbo frames support	✓	Compliance certificates	RoHS
Jumbo frames	9728	Logistics data	
Quality of Service (QoS) support	✓	Harmonized System (HS) code	85176990
VLAN tagging	✓	Other features	
Design		Flow control support	✓
Product colour	Green, Metallic	Number of VLANs	4096
Internal *	✓	Intel Virtual Machine Device Queues (VMDq)	✓
Chipset	Intel® C624	PCI-SIG* SR-IOV Capable	✓
		Intel Data Direct I/O Technology	✓
		Receive Side Scaling (RSS)	✓



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