



Lenovo 7ZT7A00548 network card Internal Ethernet 10000 Mbit/s



Brand : Lenovo

Product code: 7ZT7A00548

Product name : 7ZT7A00548

ThinkSystem 10Gb 2-port Base-T 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.

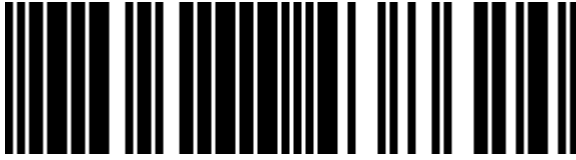
ThinkSystem servers support either 10 Gb Ethernet copper or optical connections, or Gigabit Ethernet connections depending on the server model.

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 7ZT7A00548. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Ethernet. 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 *	Ethernet		
Ethernet LAN (RJ-45) ports	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 interface type	10 Gigabit Ethernet		
Ethernet LAN data rates	10000 Mbit/s	Technical details	
Cabling technology	10GBase-T	Compliance certificates	RoHS
Security algorithms	SNMP	Logistics data	
Jumbo frames support	✓	Harmonized System (HS) code	85176990
Jumbo frames	9728	Other features	
Quality of Service (QoS) support	✓	Flow control support	✓
VLAN tagging	✓	Number of VLANs	4096
Design		Intel Virtual Machine Device Queues (VMDq)	✓
Product colour	Green, Metallic	PCI-SIG* SR-IOV Capable	✓
Internal *	✓	Intel Data Direct I/O Technology	✓
Chipset	Intel® C624	Receive Side Scaling (RSS)	✓



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Publication date: 14-NOV-2024. Prints or copies of Information are only valid on the printed Publication date