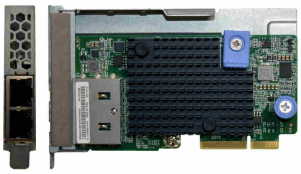
Lenovo 7ZT7A00548 network card Internal Ethernet 10000 Mbit/s



Brand : Lenovo

Product code: 7ZT7A00548

Product name : 7ZT7A00548

ThinkSystem 10Gb 2-port Base-T LOM

Lenovo 7ZT7A00548 network card Internal Ethernet 10000 Mbit/s:

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	
Connectivity technology *	Wired
Host interface *	PCI Express
Interface *	Ethernet
Ethernet LAN (RJ-45) ports	2

Network	
Maximum data transfer rate *	10000 Mbit/s
Networking standards *	IEEE 802.1Q, IEEE 802.1Qbg, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x
Ethernet LAN	✓
Ethernet interface type	10 Gigabit Ethernet
Ethernet LAN data rates	10000 Mbit/s
Cabling technology	10GBase-T
Security algorithms	SNMP
Jumbo frames support	✓
Jumbo frames	9728
Quality of Service (QoS) support	✓
VLAN tagging	✓

Design	
Product colour	Green, Metallic
Internal *	✓
Chipset	Intel® C624

Design	
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
Compatible products	SR630 SR650 SR850 SR860 SR950

System requirements	
Other operating systems supported	VMware vSphere ESXi
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

Technical details	
Compliance certificates	RoHS

Logistics data	
Harmonized System (HS) code	85176990

Other features	
Flow control support	✓
Number of VLANs	4096
Intel Virtual Machine Device Queues (VMDq)	✓
PCI-SIG* SR-IOV Capable	✓
Intel Data Direct I/O Technology	✓
Receive Side Scaling (RSS)	✓

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