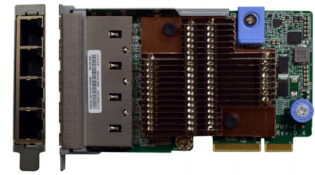# Lenovo 7ZT7A00549 network card Internal Ethernet 10000 Mbit/s

Brand : Lenovo

Product name : 7ZT7A00549

Product code: 7ZT7A00549

ThinkSystem 10Gb 4-port 10GBASE-T LOM

Lenovo 7ZT7A00549 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 7ZT7A00549. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Ethernet. Maximum data transfer rate: 10000 Mbit/s. Product colour: Green

Ports & interfaces

Connectivity technology *	Wired
Host interface *	PCI Express
Interface *	Ethernet
Ethernet LAN (RJ-45) ports	4

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 LAN data rates	10,100,1000,10000 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
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

Linux operating systems supported	Red Hat Enterprise Linux WS 6.0, Red Hat Enterprise Linux WS 7.0, openSUSE 11.3, openSUSE 11.4, openSUSE 12.1, openSUSE 12.2
Other operating systems supported	VMware vSphere ESXi
Server operating systems supported	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
PCI-SIG* SR-IOV Capable	✔
Receive Side Scaling (RSS)	✔

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