

Lenovo Flex System CN4052S - Network adapter

PCIe 3.0 x8 - 10Gb Ethernet x 2

Group	Cables & Adapters
Manufacturer	Lenovo
Manufacturer item no.	00AG540
EAN/UPC	0889488109685



Description

The adapters offer CN4052S 10 GbE connections and are cost- and performance-optimized for integrated and converged infrastructures. They offer a "triple play" of converged data, storage, and low latency RDMA networking on a common Ethernet fabric. The adapters provides customers with a flexible storage protocol option for running heterogeneous workloads on their increasingly converged infrastructures.

Main features

Product Description	Lenovo Flex System CN4052S - network adapter - PCIe 3.0 x8 - 10Gb Ethernet x 2
Device Type	Network adapter
Form Factor	Plug-in card
Interface (Bus) Type	PCI Express 3.0 x8
Ports	10Gb Ethernet x 2
Dimensions (WxDxH)	10 cm x 8 cm
Weight	13 g
Data Link Protocol	10 GigE
Data Transfer Rate	10 Gbps
Capacity	Number of virtual NIC per port: 8 MAC addresses per port: 128
Network / Transport Protocol	TCP/IP, UDP/IP
Compliant Standards	IEEE 802.1Q, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.3ae, IEEE 802.3p, IEEE 802.1ab (LLDP), IEEE 802.1Qbb, IEEE 802.1Qaz, IEEE 802.1Qbg
System Requirements	SuSE Linux Enterprise Server 11 for x86/AMD64/Intel EM64T, Red Hat Linux Enterprise Server 6 x64 Edition, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, SUSE LINUX Enterprise Server 11 with Xen for AMD64/EM64T, VMware vSphere 5.5 (ESXi), SuSE Linux Enterprise Server 12, VMware vSphere 6.0 (ESXi), SuSE Linux Enterprise Server 12 with Xen

Extended details

General

Device Type	Network adapter
Form Factor	Plug-in card
Interface (Bus) Type	PCI Express 3.0 x8

Networking

Ports	10Gb Ethernet x 2
Connectivity Technology	Wired
Data Link Protocol	10 Gigabit Ethernet
Data Transfer Rate	10 Gbps
Capacity	Number of virtual NIC per port: 8 MAC addresses per port: 128
Network / Transport Protocol	TCP/IP, UDP/IP
Features	Traffic shaping, MAC address filtering, IPv6 support, Data Center Bridging Exchange (DCBX) support, enhanced transmission selection, IPv4 and IPv6 Large Send Offload and Checksum Offload (LSO/TCO), NDIS 6 IPsec task offload compliant, Quality of Service (QoS), Jumbo Frames support, PXE support, Receive Side Scaling (RSS), Single Root I/O Virtualization (SR-IOV), Link Aggregation Control Protocol (LACP), Data Center Bridging (DCB), Extended Message-Signaled Interrupts (MSI-X), Converged Enhanced Ethernet (CEE), Edge Virtual Bridging (EVB), TCP/IP checksum offload, UDP/IP checksum offload, Unified Fabric Port (UFP), Priority-Based Flow Control (PFC), Virtual Extensible LAN (VXLAN), Network Virtualization using Generic Routing Encapsulation (NVGRE), Emulex Virtual Network Acceleration (VNeX) technology, RDMA over Converged Ethernet (RoCE) v2, Virtual Fabric mode, Switch Independent mode
Compliant Standards	IEEE 802.1Q, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.3ae, IEEE 802.3p, IEEE 802.1ab (LLDP), IEEE 802.1Qbb, IEEE 802.1Qaz, IEEE 802.1Qbg
Expansion / Connectivity	
Interfaces	2 x 10Gb Ethernet
Miscellaneous	
Compliant Standards	CISPR 22 Class A, EN55024, EN55022 Class A, CB, CSA C22.2 No. 60950-1-03, UL 60950-1 Second Edition, BSMI CNS 13438, FCC Part 15 A, FCC CFR47 Part 15 B, ANSI C63.4-2003, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, ICES-003 issue 4 Class A, VCCI Class A, GOST-R 51318.22-99, GOST-R 51318.24-99, KN22 Class A, GOST-R 51317.3.2, GOST-R 51317.3.3, AS/NZS CISPR22:2006 Class A, EN61000-3-2, EN61000-3-3
Power	
Power Consumption Operational	25 Watt
Software / System Requirements	
OS Required	SuSE Linux Enterprise Server 11 for x86/AMD64/Intel EM64T, Red Hat Linux Enterprise Server 6 x64 Edition, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, SUSE LINUX Enterprise Server 11 with Xen for AMD64/EM64T, VMware vSphere 5.5 (ESXi), SuSE Linux Enterprise Server 12, VMware vSphere 6.0 (ESXi), SuSE Linux Enterprise Server 12 with Xen
Dimensions & Weight	
Width	10 cm
Depth	8 cm
Weight	13 g
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - 1 year

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