LevelOne 10 Gigabit Fiber PCIe Network Card, PCIe 8X, 2 x SFP
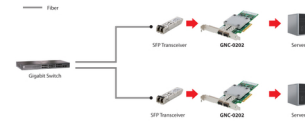
Brand : LevelOne

Product code: GNC-0202

Product name : 10 Gigabit Fiber PCIe Network Card, PCIe 8X, 2 x SFP

2 x 10G SFP+, PCI-e x8/x4/x2/x1 v2.0, 5.0 GT/s, WoL, IEEE 802.3/ad, IEEE 802.1Q/p

LevelOne 10 Gigabit Fiber PCIe Network Card, PCIe 8X, 2 x SFP:

The LevelOne GNC-0202 Gigabit network card facilitates high-speed connectivity within a fiber-optic network, supporting Dual SFP+ Connectivity and Fibre Channel over Ethernet (FCoE). Wake-on-LAN functionality allows remote start-up and shutdown, with iSCSI remote boot providing further flexibility. GNC-0202 also features an Intel PROSet Utility for Windows Device Manager as well as providing advanced load balancing across multiple CPUs, and is compatible with most network operating systems.

- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports Dual SFP+ Connectivity
- Load balancing across multiple CPUs
- Supports iSCSI remote boot
- Supports Fibre Channel over Ethernet (FCoE)
- Supports most network operating systems (NOS)
- Intel® PROSet Utility for Windows* Device Manager
- IEEE 1588 and 802.1as (Time Sync)

Ports & interfaces

Connectivity technology *	Wired
Host interface *	PCI Express
Interface *	Fiber
Fiber ports quantity	2
Fiber optic connector	SFP+
PCI version	2.0

Network

Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ad
Ethernet interface type	10 Gigabit
Wake-on-LAN ready	✓
Jumbo frames support	✓
Jumbo frames	9.5
iSCSI support	✓

Design

Product colour	Aluminium
Internal *	✓
LED indicators	Activity, Link

System requirements

Windows operating systems supported	Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8.1, Windows Vista Business, Windows Vista Business x64, Windows Vista Enterprise, Windows Vista Enterprise x64, Windows Vista Home Basic, Windows Vista Home Basic x64, Windows Vista Home Premium, Windows Vista Home Premium x64, Windows Vista Ultimate, Windows Vista Ultimate x64

Operational conditions

Storage relative humidity (H-H)	5 - 95%

Weight & dimensions

Width	165 mm
Depth	69 mm
Height	17 mm
Weight	110 g

Packaging data

Quantity	1
Drivers included	✓
Package type	Box
Package width	145 mm
Package depth	220 mm
Package height	30 mm
Package weight	62 g

Packaging content

Mounting brackets included	✓
Quick installation guide	✓
Manual	✓

Logistics data

Harmonized System (HS) code	85176990

Other features

Data transfer rate	5 GT/s
Intel® Virtualization Technology (Intel® VT)	VT-c
Intel Virtual Machine Device Queues (VMDq)	✓
PCI-SIG* SR-IOV Capable	✓
Power supply	6.5 W

System requirements

Server operating systems supported	Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2

Operational conditions

Operating temperature (T-T)	0 - 55 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	5 - 95%

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