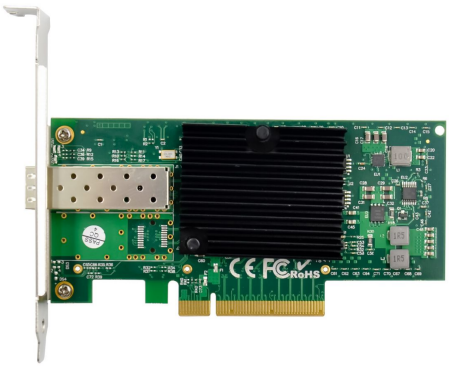
DATASHEET

10 Gigabit fiber optic PCIe network card, 1xSFP+







General data

Complies with the 10 Gb/s Ethernet/802.3ae (XAUI) specification
Complies with the PCIe Base Specification 2.0 (5GT/s)
Complies with the Bus width — x1, x2, x4, x8
Supports SFP+ Connectivity
Support for jumbo frames of up to 15.5 KB
TCP segmentation offload: up to 256 KB
802.1q VLAN support
Built-in Wake-on-LAN feature to startup computers remotely

The LevelOne 10 Gigabit Fiber PCIe Network Card facilitates high-speed connectivity within a fiber-optic network, supporting Bus width x8-Lane PCI Express, SFP+ Connectivity and Fibre Channel over Ethernet (FCoE). Wake-on-LAN functionality allows remote start-up, with iSCSI remote boot providing further flexibility. GNC-0201 also features Interrupt Throttling Control to Limit Maximum Interrupt Rate and Improve CPU Use, and is compatible with most network operating systems.

General
Silver color

Miscellaneous
Data rate Gigabit and 10-Gigabit Ethernet

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DATASHEET

10 Gigabit fiber optic PCIe network card, 1xSFP+

Host interface PCIe x8
Network Card Type Fiber Optics

Others
Approvals and compliance CE, RoHS
Operating humidity 5% RH ~ 90% RH
Operating temperature 0°C ~ 55°C
Supported operating systems Server2008 / Server2012 / Server2016 / Windows Vista / Win 7 / Win 8 / Win 8.1 / Win 10
Storage humidity 5% RH ~ 90% RH
Storage temperature -40°C ~ 70°C

Scope of delivery
GNC-0201,
Low profile bracket,
Quick Installation Guide,
Resource CD (User Manual, Driver)

Physical Specifications
Dimensions (W x D x H) 70 x 16 x 115 mm
Product weight (kg) 0.0982

System specifications
Link/Activity indicator
Jumbo frames (KB) 15.5
Standards 10GBASE-R Capable,
10GBASE-X Capable,
10GBASE-W Capable,
10GBASE-BX4,
10GBASE-CX4,
10GBASE-LX4,
10GBASE-KX4,
10GBASE-T PHY,
10GBASE-KR,
1000BASE-BX,
1000BASE-CX,
1000BASE-KX,

IEEE 802.3ae (XAUI),
IEEE 802.3-2005 (Ethernet),
IEEE 802.3ak,
IEEE 802.3ap (KX/KX4/KR) specification,
IEEE 802.1Qaz,
IEEE 802.1Qbb,
IEEE 802.1p,
IEEE 802.1AS,

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IEEE 1588,
IEEE 802.3 optical module MSAs,
IEEE 802.1Q Virtual LANs (VLANs),
IEEE 802.3ad Link Aggregation Control Protocol (LACP),
IEEE 802.3x 100BASE-TX specification

Technical properties	
10 Gigabit Ethernet	True
Bus type	PCI Express

Available variants

ArtNr.	Bezeichnung	Unique
GNC-0201	10 Gigabit fiber optic PCIe network card, 1xSFP+	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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