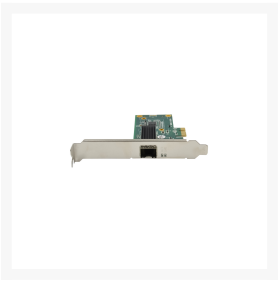
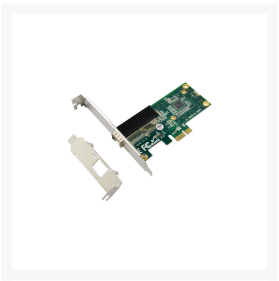
GNC-0110 Gigabit Fiber PCIe-x1 Network Card, 1 x SFP Slot, Intel Tech

Product Images









Short Description

- **Fiber Port:** 1 x SFP Slot for high-speed fiber-optic connectivity.
- **Chipset:** Reliable and proven Gigabit technology from Intel.
- **Efficiency:** Interrupt Moderation reduces CPU utilization significantly.
- **Sync:** IEEE 1588 and 802.1as (Time Sync) support.
- **Security:** 802.1Q tag-based VLAN for enhanced network segmentation.
- **Management:** Built-in Wake-on-LAN feature to startup remotely.

Description

The LevelOne GNC-0110 is a reliable Gigabit fiber-optic network card designed to provide high-speed, secure connectivity within decentralized fiber networks. Utilizing a PCIe x1 interface, it acts as a definitive signal conduit for full-duplex transmission. This card effectively solves CPU utilization issues with advanced Interrupt Moderation and hardware-based time syncing, providing a professional and durable bridge for synchronized media and secure data streams.

Additional Information

Gigabit SFP	1
Features.	PCI Express 2.1 • 2.5 GT/s Support for x1 width (Lane) Energy Efficient Ethernet (EEE) • During periods of low network activity, EEE reduces the power consumption of an Ethernet connection by negotiating with the switch port to transition to a low power idle (LPI) state. Other performance-enhancing features include • IPv4 and IPv6 checksum offload • TCP/UDP checksum offload • Up to 256 KB TCP segmentation (TSO v2), header splitting, 40 KB packet buffer size
Zulassungen und Konformität	CE, RoHS
Farbe	Green
Abmessungen (B x T x H)	120 x 116 x 18 mm
Host Interface.	PCIe x1
Network Card Type.	Fiber Optics
Operating humidity.	10% RH ~ 90% RH
Operating temperature.	0°C ~ 55°C
Unterstützte Betriebssysteme	• Windows 10/8/7/Vista/Sever2008/Sever 2012 • Linux • DOS
Storage humidity.	10% RH ~ 90% RH
Storage temperature.	-40°C ~ 85°C
Lieferumfang	• GNC-0110 • Quick Installation Guide • Low Profile Bracket • Resource CD (User Manual, Driver)
Code des Harmonisierten Systems (HS)	851762
Zolltariflicher Warencode (TARIC)	8517620000
EAN.	4015867191057
Modellnummer	GNC-0110
Data Rate.	1Gbps
Jumbo-Frames (KB)	9
Chipsatz	Intel® Ethernet Controller I210

Standards	• 1000BASE-SX/LX/ZX fiber connections • IEEE 802.3az EEE standard • IEEE 802.1Qav Audio-Video Bridging (AVB) for tightly controlled media stream synchronization, buffering and reservation • Hardware-based timestamping of IEEE 1588 and 802.1AS packets

