

# GNC-0112 Gigabit PCIe Network Card, 1 x RJ45

## Product Images



## Short Description

- 10/100/1000Mbps wire speed transmission and reception
- Built-in Wake-on-LAN feature to startup computers remotely
- High-speed gigabit network card with PCI Express v1.1 compliant
- Supports single-lane PCI Express for link transmission speed at up to 2.5Gbps
- Supports IEEE 802.1P Layer 2 Priority Queuing for improving traffic flow
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Compatible with Windows XP/7/10, Server 2003 and Linux

## Description

The LevelOne GNC-0112 Gigabit network card facilitates high-speed connectivity within network, with PCI Express (v1.1 compliant) supporting speeds of up to 2.5 Gbps. Wake-on-LAN functionality allows remote start-up and shutdown. GNC-0112 Supports IEEE 802.1P Layer 2 Priority Queuing for improving traffic flow. IEEE 802.1Q VLAN allows network segmentation, further enhancing performance and security.

## Additional Information

Approval and compliance	● CE ● RoHS
Max. operating humidity (%)	95
Max. operating temperature (°C)	45
Min. operating humidity (%)	5
Indicators	Link/Activity
Chipset	BCM5751
Standards	● IEEE 802.3: 10Base-T (Ethernet) ● IEEE 802.3u: 100Base-TX (Fast Ethernet) ● IEEE 802.3ab: 1000Base-T (Gigabit Ethernet) ● PCI Express provides wirespeed non-blocking throughput ● 10/100/1000BASE-T triple-speed MAC ● High-speed RISC core with 24-KB cache ● SMBus 2.0 controller ● Wake-on-LAN power switching circuit ● TCP, IP, and UDP checksum ● Large burst read ● Interrupt coalescing ● TCP/IP stack offloads significantly reduce utilization of CPU ● TCP/IP stack offloads significantly increase throughput to enable faster downloads of large files ● Alert Standard Format (ASF) 2.0 support
Features	
Product weight (kg)	0.0456
Product breadth (mm)	82
Product depth (mm)	56
Product height (mm)	20
Color	Silver
EAN	4015867228913
Model number	GNC-0112
Package contents	● GNC-0112 ● Low Profile Bracket ● Quick Installation Guide ● Declaration of Conformity ● Resource CD (Driver)
Receiver sensitivity	● Windows XP/7/10 ● Windows Server 2003 ● Linux 2.2, 2.4
Network Card Type	Wired
Interface	PCIe

