

GNC-0113 2.5-Gigabit PCIe Network Card, 1 x RJ45

Product Images



Short Description

- 10/100/1000/2500Mbps wire speed transmission and reception
- Complies with the PCIe Base Specification 3.1 (5GT/s)
- 9.5K jumbo frames to increase data transfer rates
- Built-in Wake-on-LAN feature to startup computers remotely
- Interrupt Moderation: Delivers increased performance while significantly reducing CPU utilization
- IEEE 1588 and 802.1as (Time Sync)
- Supports IEEE 802.1P Layer 2 Priority Queuing for improving traffic flow
- Supports IPv4/IPv6 network operation

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Description

The LevelOne GNC-0113 2.5-Gigabit PCIe network card facilitates high-speed connectivity within network, with PCI Express (v3.1 compliant) supporting speeds of up to 2.5 Gbps. Wake-on-LAN functionality allows remote start-up. GNC-0113 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

Color	Green
EAN	4015867236239
Model Number	GNC-0113
Features	PCI Express 3.1 • 5GT/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
Data rate	2.5 Gigabit Ethernet
Host Interface	PCIe x1
Network Card Type	Wired
Approval and Compliance	● CE ● FCC Part 15 ● RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	0°C ~ 45°C
Compatible operating systems	Windows10 32bit or 64bit
Storage humidity	10% RH ~ 90% RH
Storage temperature	-40°C ~ 85°C
Package Contents	● GNC-0113 ● Low Profile Bracket ● Resource CD (Driver) ● Quick Installation Guide ● Declaration of Conformity
Dimensions (W x D x H)	72 x 55 x 20 mm
Product weight (kg)	0.04
Jumbo frame (KB)	9.5
Standards	● IEEE 802.3: 10BASE-T (Ethernet) ● IEEE 802.3u: 100BASE-TX (Fast Ethernet) ● IEEE 802.3ab: 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3bz: 2500BASE-T (2.5-Gigabit Ethernet) ● IEEE 802.3az: Energy Efficient Ethernet (EEE)

