



LevelOne Gigabit Ethernet Network Cards



LevelOne 32/64Bit 10/100/1000Mbps Gigabit Ethernet Adapter

T E C H N I C A L D A T A

Standard Conformance:

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-T Fast Ethernet
- IEEE 802.3z 1000Base-T Gigabit Ethernet
- ANSI/IEEE802.3u Nway Auto-negotiation and Parallel Detection
- IEEE 802.3x Flow Control
- IEEE 802.1D & IEEE 802.1Q priority queuing support

Network Interface:

- RJ45 STP Auto-MDII/MDI-X Port

Host Interface

- GNC-0101T: 32-bit 33/66Mhz PCI Rev.2.1/2.2
- GNC-0102T: 32/64bit 33/66Mhz PCI Rev.2.1/2.2

Network Cable and maximum Length

- Ethernet: 2 pair UTP Cat. 3,4,5 EIA/TIA-568 100-ohm screened twisted-pair (STP)
- Fast Ethernet: 2 pair UTP Cat. 5 EIA/TIA-568 100-ohm screened twisted-pair (STP)
- Gigabit Ethernet: 4 pair UTP Cat. 3,4,5 EIA/TIA-568 100-ohm screened twisted-pair (STP)

Network Data Transfer Rate:

- Ethernet: 10Mbps half-duplex, 20Mbps full-duplex
- Fast Ethernet: 100Mbps half-duplex, 200Mbps full-duplex
- Gigabit Ethernet: 1000Mbps half-duplex, 2000Mbps full-duplex

Chipset:

- National Semiconductors

Diagnostic LEDs:

- 10Link, 100Link, 1000Link
- Full-duplex, Collision, Activity

Physical Characteristics:

- Power Consumption: 10W max. at +5V
- Operating Temperature: -10°C to 50°C
- Operating Humidity: 10% to 90% RH
- Storage Temperature: -10°C to 70°C
- Storage Humidity: 5% to 90%
- Dimension: 164 (W) x 629 (H)

Emission:

- FCC Class B
- CE mark Class B
- VCCI—B

Ordering Information:

- GNC-0101T 32Bit 10/100/1000Mbps
Gigabit Ethernet Adapter
- GNC-0102T 32/64Bit 10/100/1000Mbps
Gigabit Ethernet Adapter