

ZyXEL GN-680T

Gigabit PCI Network Adapter

1. Auto-negotiating 10/100/1000Mbps
2. Automatic MDI/MDIX crossover
4. Support 802.1Q VLAN
5. Support 802.1p priority queue
6. Support ACPI to save power consumption
7. Support WoL(Wake-On-LAN) for remote wake-up

Specifications

Standards compliance

- IEEE802.3 10BASE-T Ethernet
- IEEE802.3u 100BASE-TX Fast Ethernet
- 1000Base-T gigabit
- ANSI/IEEE802.3 Auto-negotiation
- IEEE802.3x Flow Control
- 802.3ab
- 802.1p Priority Tagging
- 802.1q VLANs

Data transfer rates

- Ethernet 10M/20Mbps(half/full duplex)
- Fast Ethernet 100M/200M(half/full duplex)
- Gigabit 1000M/2000M (half/full)

Interface

- Single port: 10BASE-T, 100BASE-TX & 1000BASE-T Ethernet port
- PCI Bus type
- PCI 2.2
- 32 bit at 33MHz or 66MHz

Media Interface Exchange

- Auto MDI/MDI-X

Status LED

- LINK/ACT
- 10/100/1000Mbps

Cabling

- 10BASE-T: 2-pair UTP Cat.3, 4, 5 (100 m)
EIA/TIA-586 100-ohm STP (100 m)
- 100BASE-TX: UTP Cat.5 (100 m max.)
EIA/TIA-586 100-ohm STP (100 m max.)
- 1000BASE-T: UTP Cat.5 (100 m max.)
EIA/TIA-586 100-ohm STP (100 m max.)

Performance

- QoS: 802.1Q VLAN tagging
802.1p, 8-priority queues (VLANs)
- Jumbo frame: Up to 7.5KB

Power saving

- ACPI Ver 2.0WoL

Management

- DMI 2.0WfM Baseline V2.0

Physical and Environmental Specifications

- Operating temperature: 0°C ~45°C (32°F to 113°F)
- Humidity: 10% to 90% (Non-condensing)
- Dimensions:133(L) x 49(W) mm
- Weight : 64g

System requirement

- Gigabit switch(e.g.GS-108A)
- Network Cables

Certifications

- FCC Class B, CE, C-Tick