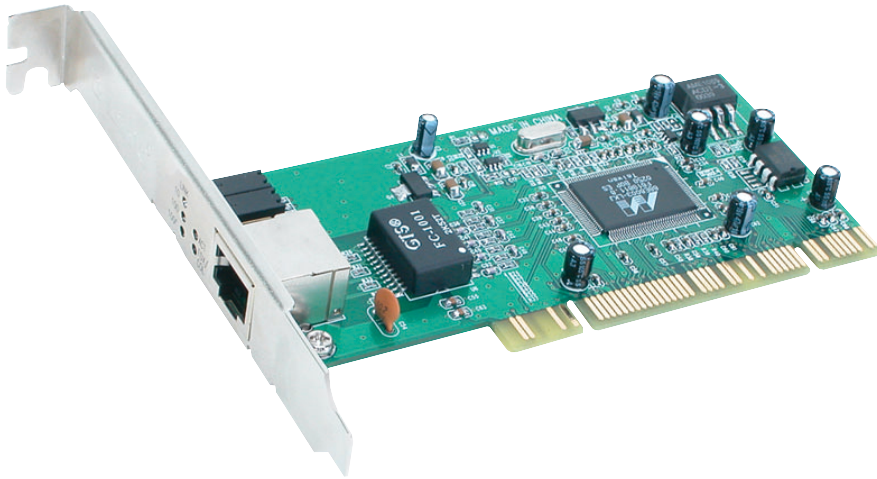


- **ETHER-1000TXU**
- **PCI 10/100/1000 Ethernet board**



- **Low profile Gigabit LAN with universal 3.3/5V bus support**

The ETHER-1000TXU is a 32-bit PCI 10/100/100Mbps Nway Gigabit LAN adapter with standard RJ-45 copper connection. The ETHER-1000TXU provides extremely fast data transfer rates up to 1000Mbps for high bandwidth usage in areas such as high performance workstations, simple network servers, data storage devices, and high-speed video conferencing in the business office or factory floor.

The ETHER-1000TXU is IEEE 802.3, IEEE 802.3u and IEEE 802.3ab compliant. It is an economical design solution using the newest networking technologies such as VLAN, VLAN tag insertion support, Auto MDI-II/MDI-X crossover capabilities, and multicasting

support to utilize network bandwidth more efficiently. The ETHER-1000TXU is 2.1 and 2.2 PCI compliant and supports full duplex operation for 20/200/2000Mbps data rates and flow control.

The ETHER-1000TXU RJ-45 Ethernet port is designed to automatically detect a straight-through or a crossover Cat. 5 cable. The boards performance is maintained with a built-in 8k Transmit and 32k Receive data FIFOs. The ETHER-1000TXU fully supports Plug-n-Play installation and is compatible with Windows 98 SE/2000/Me/XP, Novell, and Linux operating systems.

- **Supports 10/100/1000Mbps**
- **NWAY Auto-Negotiation**
- **Standard copper RJ-45**
- **Gigabit LAN for workstations**
- **PCI 2.1, 2.2 compliant**
- **Low profile**
- **Plug-n-Play, auto-sensing PCI**
- **Windows®98 SE/2000/Me/XP, Novell®, and Linux® support**

► ETHER-1000TXU - Technical Specifications

Bus

- 32-bit/33MHz PCI, 2.1, 2.2 specs

Network Support

- 10Base-T Ethernet, 20Mbps (full duplex)
- 100Base-TX Fast Ethernet, 200Mbps (full duplex)
- 1000Mbps Gigabit, 2000Mbps (full duplex)
- NWAY Auto-Negotiation
- SNMPV and integrated cable diagnostics

Protocol

- CSMA/CD

I/O Base Address

- PCI bus detection, Plug-n-Play

Connector

- RJ-45 Auto MDI-II/MDI-X port

Network Cables

- Gigabit Ethernet 4-pair UTP Cat. 5
- 100-ohm STP

Universal Bus Support

- 3.3 and 5V

Diagnostic LEDs

- Link/Activity
- Full duplex
- 100Mbps
- 1000Mbps

Power Consumption

- <1A @ 5V DC (5W max.)

Power Management

- Wake-On-LAN and ACPI 2.0

Environmental

Operating Temperature

- 0 ° to 40 °C (32 ° to 104 °F)

Non-Operating Temperature

- -25 ° to 55 °C (-13 ° to 131 °F)

Operating Humidity

- 5 to 95% operating (non-condensing)

Dimensions (L x H)

- 4.88 x 2-inch (124 x 51mm)

Standards Compliance

- IEEE 802.1p Priority Tagging
- IEEE 802.1g VLANs
- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet
- IEEE 802.3 Nway 10/100 Auto-negotiation
- IEEE 802.3x Full Duplex Flow Control

Regulatory Compliance

- FCC Class B, CE Mark B, BCCI-B, BSMI, C-Tick

Drivers Supported

- Windows®98 SE/2000/Me/XP, Novell® Netware 4.2/5.x/6.x, Linux® Red Hat 7.3 and later, Linux Kernel 2.4.18 and later

Support

- Superior pre- and post sales technical support
- 2-year limited warranty

Ordering Guide

ETHER-1000TXU

- PCI 32-bit 10/100/1000 managed NIC with RJ-45, Universal Bus Support, standard and low profile brackets included



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