



— DGE-660TD

Copper Gigabit CardBus Adapter

For Laptop Computers

The DGE-660TD CardBus Adapter is designed to bring high-performance Gigabit network speed to your laptop computer. This PC card simply plugs to a 32-bit PCMCIA slot of your computer and connects an Ethernet network through an RJ-45 copper twisted-pair connector. This card turns your laptop computer into a high-bandwidth Gigabit workstation for high-speed network connection.

High-performance Gigabit Speed

The DGE-660TD adapter gives your laptop computer Gigabit transmission on your existing Cat. 5 twisted-pair network cable. As an inexpensive alternative solution to fiber-optic, this card allows you to instantly upgrade to Gigabit without requiring you to install new, expensive fiber cables. The card supports 10/100/1000Mbps network speed auto-sensing and full/half duplex auto-negotiation.

Powerful Performance

To take full advantage of the Gigabit network bandwidth, this adapter uses 32-bit high-speed CardBus design to transfer network data with the computer host. This ensures that no bottlenecks take place between your computer's CPU and your network wireless frequency. A transmit 8KByte/receive 64KByte RAM data buffer is built into the card to enhance the adapter's performance.

Product Features

- PCMCIA CardBus standard compliant
- 32-bit bus-mastering data transfer
- 68-pin connector to PC's CardBus Type II slot
- 10/100/1000Mbps auto-negotiation operation
- Full-duplex rates to 20/200/2000Mbps
- Built-in transmit 8K/receive 64KBytes RAM data buffer
- Single shielded RJ-45 connector
- UTP/STP cabling support
- 32-bit high-speed data transfer to computer host
- Minimal power consumption
- PCMCIA hot swappable
- Extensive diagnostic LEDs
- Operates in Windows, NetWare environments

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Technical Specifications

10/100/1000Mbps CardBus Adapter

General

Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation
- PCMCIA 2.x 32-bit CardBus

Host Interface

32-bit CardBus

Protocol

CSMA/CD

Data Transfer Rates

- Ethernet:
 - 10Mbps (half duplex)
 - 20Mbps (full duplex)
- Fast Ethernet:
 - 100Mbps (half duplex)
 - 200Mbps (full duplex)
- Gigabit Ethernet:
 - 2000Mbps (full duplex)

Network Cables

- 10BASE-T:
 - UTP Cat. 3, 4, 5 (100 m max.)
 - EIA/TIA-568 100-ohm STP (100 m max.)
- 100BASE-TX, 1000BASE-T:
 - UTP Cat. 5 (100 m max.)
 - EIA/TIA-568 100-ohm STP (100 m max.)

Diagnostic LEDs

- Link/Activity
- Speed (100/1000Mbps)

Environmental & Physical

Power Input

3.3 Volts

Power Consumption

2.343 watts (active mode)

Dimensions

84 x 53 x 4 mm (adapter only)
118 x 53 x 15 mm (RJ-45 interface included)

Weight

44 grams

Operating Temperature

0° to 40°C

Storage Temperature

-10° to 70 °C

Operating Humidity

10% - 90% RH non-condensing

Storage Humidity

5% - 90% RH non-condensing

Emission

- FCC Class B
- CE Class B
- VCCI Class B

Network O.S. Support

- Microsoft Windows 98SE, ME, 2000, XP
- Novell Netware ODI for DOS
- NDIS 2.0



Ordering Information

DGE-660TD Copper Gigabit CardBus Adapter

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U.S.A	TEL: 1-714-885-6000	FAX: 1-866-743-4905
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-23-897189	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
China	TEL: 86-10-5863-5800	FAX: 86-10-5863-5799
India	TEL: 91-022-2652-6696	FAX: 91-022-2652-8914
Middle East (Dubai)	TEL: 9714-3916480	FAX: 9714-3908881
Turkey	TEL: 90-212-335-2553	FAX: 90-212-335-2500
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latin America	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-55039320	FAX: 55-11-55039322
South Africa	TEL: 27-1266-52165	FAX: 27-1266-52186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099#350
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299