



DFE-660TX

Network media coupler

The DFE-660TX dual-speed Ethernet/Fast Ethernet card base unit plugs to the notebook PC's PCMCIA slot. Network connection is through a media coupler, which auto-detects the network type as 10BASE-T or 100BASE-TX.

High-performance 10/100Mbps PC Card for Mobile Users

The DFE-660TX is a high-performance dual-speed 10/100Mbps CardBus (PCMCIA) PC Card designed to permit users on the move to easily connect to a network and share databases and resources in diverse environments. It is engineered to unleash the power of today's notebooks and turn them into robust stations or servers.

NWay Auto-negotiation

The card's single connector connects to either 10BASE-T Ethernet or 100BASE-TX Fast Ethernet completely without any need to set configuration. It detects the connected hub's capability and auto-negotiates to use the highest available speed.

Full Duplex Support

Full/half duplex operation is auto-detected in both 10BASE-T and 100BASE-TX modes. In full-duplex, the notebook is connected to a switch on a dedicated segment. With transmission and reception taking place simultaneously, data transfer is doubled. Mobile users can thus hook to a network and turn their notebooks into power servers.

Snap-in Installation

The card auto-detects IRQs and I/O addresses available in the notebook. This feature brings a lot of convenience to DOS and Windows users without Win 95 installed.

Complete Compatibility

The card is compatible with all major notebook, sub-notebook and palmtop PCs, supports the main Socket and Card Services, and provides driver programs for all popular networking operating systems.

Comprehensive Driver Support

The card supports all major network operating systems, including NetWare, Windows NT, Windows 95 and Unix.

Key Features

- 10/100Mbps dual-speed NWay interface
- Bus Master high-performance data transfer
- Half/full duplex supported
- Single RJ-45 shielded connector
- Minimal power consumption
- 100-ohm UTP/STP cabling supported
- Auto-correction of reverse polarity
- Passes IEEE 802.3 1500V high pot test
- Easy-to-view diagnostic LEDs
- Menu-driven network O.S. installation program
- Complete driver support

10/100Mbps CardBus PC Card



PORTABLE ADAPTER

10/100Mbps CardBus PC Card

Technical Specifications

Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE Std 802.3 NWay auto-negotiation
- PC Card

Topology

Star

Protocol

CSMA/CD

Network Data Transfer Rates

- Ethernet:
10Mbps half-duplex 20Mbps full-duplex
- Fast Ethernet: 100Mbps half-duplex 200Mbps full-duplex

Network Media

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

Connectors

- 68-pin for connection to CardBus slot
- 15-pin for connection to media coupler

Card-to-Host Data Transfer

Bus Master mode

Diagnostic LED Report

- Link, act (Tx, Rx)
- 100Mbps speed indicator
- Full duplex indicator

IRQ

Auto-assigned by BIOS or Card Service

I/O Address

Auto-assigned by BIOS or Card Service

Power Consumption

2 watts (max.)

Dimensions

Base unit: 85.6 x 54 x 5 mm
(3.37 x 2.126 x 0.2 inches)

Weights

- Base unit: 30 grams (1.06 oz.)
- Media coupler: 25 grams (0.88 oz.)
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Operating Temperature

0° - 55° C (32° - 131° F)

Storage Temperature

- 20° - 80° C (4° - 176° F)

Humidity

10% - 90% non-condensing

Electro Magnetic Conformance

- FCC Class B
- CE Mark

Drivers Supported

- NDIS 2.0 for Banyan
- NDIS 2.0 for IBM LAN Support/Services
- NDIS 2.0 for IBM Wrap Server, LAN Server, and Communication Manager 1.x
- NDIS 2.0 for Microsoft LAN Manager for MS-DOS
- NDIS 2.0 for Microsoft Network Client 3.0 for MS-DOS
- NDIS 2.0 for WIN/TCP PathWay Access
- NetWare DOS ODI
- NetWare Lite
- Personal NetWare
- Windows 95 OS R2
- Windows NT 3.51
- Windows NT 4.0
- Packet driver for FTP PC/TCP
- Packet driver for Winsock

Ordering Information

Ethernet/Fast Ethernet PCMCIA CardBus PC Card

DFE-660TX	10BASE-T/100BASE-TX dual-speed PC card base unit and media coupler
DFE-663	Media coupler

D-Link

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