



Ethernet/Fast Ethernet Card

10/100Mbps Adapter for PCI Bus with WOL Support



DFE-540TX

Desktop Adapters

Powerful Performance

This adapter operates in the 32-bit bus master mode, delivering high throughputs with little stress on the host's CPU. Running at PCI clock speeds independently of the network clock, it transfers data directly to/from the host's memory, bypassing the CPU to alleviate the host's workload.

NWay 10/100Mbps Interface

The adapter's single RJ-45 interface auto-negotiates between 10BASE-T Ethernet and 100BASE-TX Fast Ethernet connection, and full/half duplex, completely without any need for users to set configuration.

Wake-on-LAN (WOL) Support

Complying with ACPI specifications, this adapter provides power management function for power saving when not in operation. Wake up from sleep mode to fully run mode follows Wired for Management Guideline v1.0 supporting AMD Magic Packet WOL. Wakeup Frame and Media Change will be supported after Windows NT 5.0 release (EEPROM firmware upgradable).

Features

- IEEE 802.3 10BASE-T/802.3u 100BASE-TX standard
- PCI local bus 2.1 specifications
- 10/100Mbps NWay interface
- 32-bit PCI bus master operation
- Power management function (Advanced Configuration/Power Interface 1.0)
- Wake-on-LAN (WOL) function (Magic Packet, Wakeup Frame, Media Change)
- Low network command processing overhead
- Single shielded RJ-45 connector
- UTP and STP supported
- Full/half duplex for 10BASE-T, 100BASE-TX
- FCC Class B, ICES-003 Class B, CE Mark, VCCI Class B, CISPR Class B, C-Tick

- Microsoft LAN Manager
- IBM LAN Support Program
- IBM Communication Manager
- WIN/TCP PathWay Access for DOS
- FTP PC/TCP
- NDIS 2.x drivers
- Packet driver
- NCSA

Boot Servers

- Novell RPL Boot ROM code
- NetWare 3.x, 4.x RPL server
- Microsoft Windows NT 3.51, 4.x RPL server
- Microsoft LAN Manager remote boot server

LAN Drivers

- Novell NetWare 3.12, 4.1x, 5.x ODI
- NetWare Client 32 for DOS
- Microsoft Windows 95, 98
- Microsoft Windows NT 3.51, 4.0
- Microsoft Windows for Workgroups

Ordering Information

PCI-bus 10/100Mbps Adapter	
DFE-540TX	NWay 10BASE-T/100BASE-TX interface
Boot ROM	
DFE-544	Boot ROM for DFE-540TX adapter