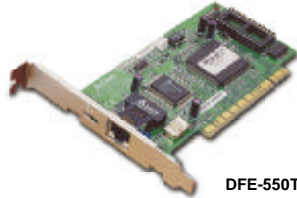




Ethernet/Fast Ethernet Card

10/100Mbps Adapter for PCI Bus with WOL, Flow Control



DFE-550TX

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).

Flow Control Support

The adapter provides flow control allowing the PC to

connect directly with a flow-control supporting switch. This mechanism allows the PC to sense when the buffer is full and pause transmission to avoid buffer overflow and safeguard network data integrity.

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)
- IEEE 802.3x flow control for connection to LAN switch
- Early interrupt mechanism to improve network traffic
- 16 counters for network traffic and status report
- IP multicast address filter mechanism
- 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, CE Mark, VCCI Class B, C-Tick

LAN Drivers

- Novell NetWare 3.x, 4.x, 5.x ODI
- NetWare Client 32
- Microsoft Windows 95, 98
- Microsoft Windows NT 3.51, 4.0
- Microsoft Windows for Workgroups 3.11
- Microsoft LAN Manager
- IBM LAN Support Program
- IBM OS/2 Warp Server
- IBM OS/2 LAN Server
- IBM Communication Manager
- DECnet PathWork
- Banyan VINES
- WIN/TCP PathWay Access for DOS
- FTP PC/TCP
- Sun PC-NFS
- NDIS drivers
- Packet driver
- AT&T Unix
- SCO Open Server 5.0
- UnixWare 2.0.1
- Winsock
- 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
- OS/2 LAN Server 3.x, 4.x
- IBM LAN Server 3.x, 4.x
- IBM Warp Server

Ordering Information

PCI-bus 10/100Mbps Adapter	
DFE-550TX	NWay 10BASE-T/100BASE-TX interface
Boot ROM	
DFE-554	Boot ROM for DFE-550TX adapter