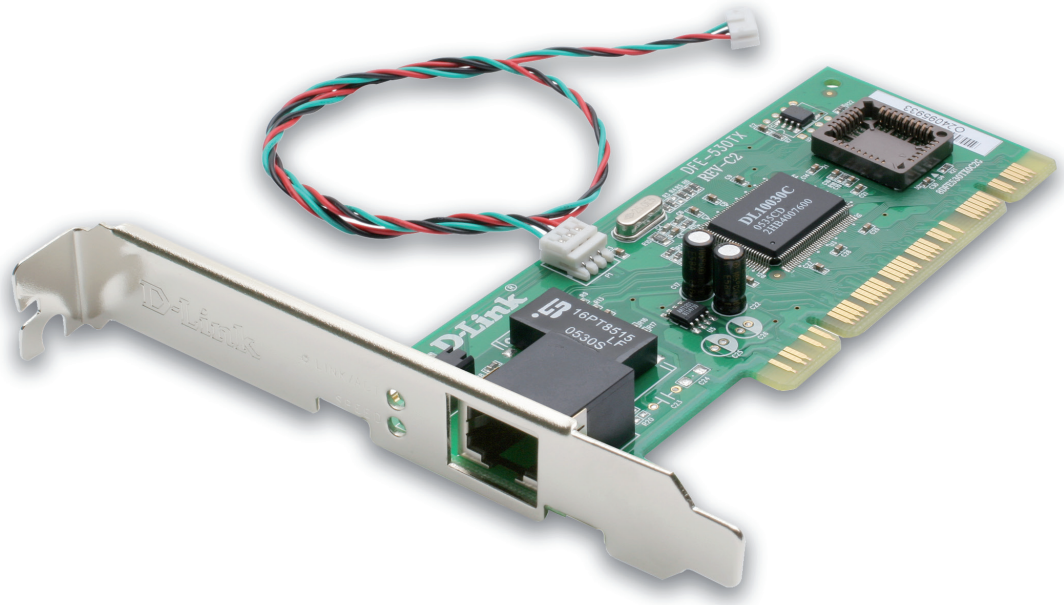
D-Link®

CONNECT YOUR DESKTOP PC TO A WIRED NETWORK



# FAST ETHERNET PCI ADAPTER

### AUTO-SENSING INTERFACE
Connects to either 10BASE-T or 100BASE-TX without any need to setup

### POWERFUL PERFORMANCE
Adapter delivers high throughput rate with little stress on the CPU to alleviate the host's workload

### FULL DUPLEX SUPPORT
Experience up to 200Mbps network speed when connected in full duplex mode

## POWERFUL PERFORMANCE
The adapter operates in the 32-bit Bus Master mode, delivering throughputs at multi-megabits per second with little stress on the host's CPU. Supporting PCI clock speeds independently of the network clock, it transfers data directly to/from the host's memory, by-passing the CPU to alleviate the host's workload

## AUTO-SENSING 10/100MBPS INTERFACE
The adapter'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 or switch's capability and auto-negotiates to use the highest available speed.

## EASY MIGRATION
The adapter allows users to migrate from Ethernet to Fast Ethernet in easy steps. 10BASE-T users can upgrade to 100BASE-TX anytime without changing driver software or network cables.

## FULL DUPLEX SUPPORT
Full/half duplex operation is auto-detected in both 10BASE-T and 100BASE-TX modes. When connected to a switch in full duplex, the network speed can be increased to 200Mbps, making the adapter an ideal NIC for high-speed server deployment.

## NETWORK SECURITY
Network administrators can install optional boot ROMs on the adapters to implement network security. Diskless workstations equipped with these ROMs can remote boot from NetWare or Windows NT servers and access authorized data.

WIRED | FAST ETHERNET

FAST ETHERNET PCI ADAPTER
DFE-530TX

## WHAT THIS PRODUCT DOES

D-Link's DFE-530TX Fast Ethernet adapter is a high-performance auto-sensing 10/100Mbps dual-speed adapter for the PCI bus. Installable in a Pentium or Pentium Pro PC equipped with PCI expansion slot. This adapter turns a desktop into a high bandwidth graphic/multimedia workstation or a power server running at full-duplex speed.

## KEY FEATURES

- 10/100Mbps NWay interface
- Full duplex supported for both 10BASE-T, 100BASE-TX
- 32-bit PCI bus master operation
- Remote boot supported
- Low Ethernet command processing overhead
- Easy-to-view diagnostic LEDs
- Single shielded RJ-45 connector
- Simple Plug and Play
- UTP and STP supported
- Complete driver support
- Support IEEE 802.1x Port-based Network Access Control (MD5 only)

# TECHNICAL SPECIFICATIONS

### STANDARDS
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3 10BASE-T Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation
- PCI local bus 2.2 specifications

### TOPOLOGY
- Star

### PROTOCOL
- CSMA/CD

### NETWORK DATA TRANSFER RATE
- 100BASE-TX: 100 Mbps
- 10BASE-1: 10 Mbps

### FULL DUPLEX
- Fast Ethernet: 200 Mbps
- Ethernet: 20 Mbps

### NETWORK CABLES
- 10BASE-T: 2-pair UTP Cat. 3, 4, 5 (100 m) EIA/TIA-568 100-ohm shielded twisted-pair (STP) (100 m)
- 100BASE-TX: 2-pair UTP Cat. 5 (100 m) EIA/TIA-568 100-ohm shielded twisted-pair (STP) (100 m)

### DIAGNOSTIC LED REPORT
- Link/Act
- 10/100 Mbps speed

### POWER CONSUMPTION
- 0.4 watts

### DIMENSIONS (L x W)
- 120 x 51 mm

### OPERATING TEMPERATURE
- 0˚ to 40˚C (32˚ to 104˚F)

### STORAGE TEMPERATURE
- -25˚ to 55˚C (-13˚ to 131˚F)

### OPERATING HUMIDITY
- 5% to 95% (non-condensing)

### EMISSION
- FCC Class B
- BSMI Class B
- CE Class B
- C-Tick

### BOOT ROM SIZE
- 64 Kb

### DRIVERS SUPPORTED
- Microsoft Windows 7 32/64-bit Edition
- Microsoft Windows Vista 32/64-bit Edition
- Microsoft Windows Server 2008 32/64-bit Edition
- Microsoft Windows Server 2003
- Microsoft Windows XP 32/64-bit Edition
- Microsoft Windows ME
- Microsoft Windows 2000
- Microsoft Windows 98
- Microsoft Windows NT 4.0
- Novell NetWare 5.x, 6.x
- DOS ODI
- NDIS drivers
- Packet driver
- Linux Kernel 2.4.x, 2.6.x

### OPTIONAL BOOT ROM
- DFE-534R3: RPL boot ROM

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Specifications are subject to change without notice.

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