D-Link®
Building Networks for People

Product Highlights

Auto-Sensing Interface

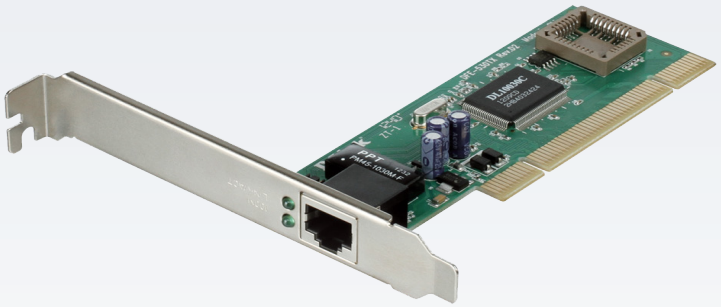
Connects to either 10BASE-T or 100BASE-TX without any need to perform any configuration

Comprehensive Driver Support

Adapter supports all major network operating systems, including NetWare, Windows, and Linux

Full Duplex for High Speeds

Experience up to 200 Mbps network speed when connected in full duplex mode



DFE-530TX

Fast Ethernet PCI Network Adapter

Features

Connectivity

- 10/100 Mbps NWay Interface
- Single shielded RJ-45 connector
- Full duplex support for both 10BASE-T and 100BASE-TX

Versatile Support

- Supports remote boot
- Simple Plug and Play
- Complete driver support

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

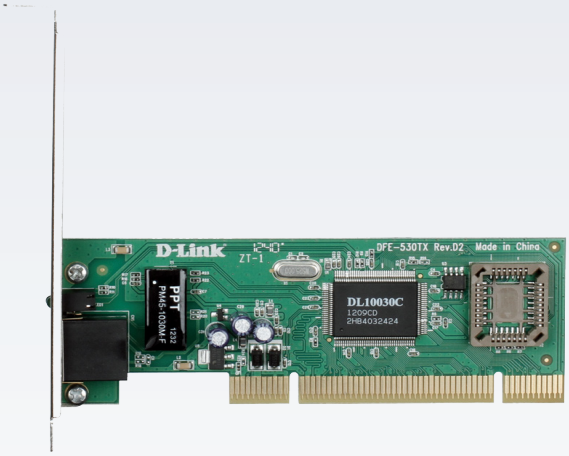
Powerful Performance

The Fast Ethernet PCI Network 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, bypassing the CPU to alleviate the host's workload. 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.

Versatile Functionality

The DFE-530TX'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. 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 200 Mbps, making the adapter an ideal NIC (network interface card) for high-speed server deployment.

DFE-530TX Fast Ethernet PCI Network Adapter



Technical Specifications

General		
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
Functionality		
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
Functions Supported	• Remote Boot • Supported by optional RPL boot ROM DFE-534R3	• Wake-on-LAN
Physical		
Network Cables	• 10BASE-T: 2-pair UTP Cat. 3, 4, 5 (100 m) EIA/TIA-568 100-ohm shielded twistedpair (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
Dimensions	• 120 x 42 mm (4.72 x 1.65 inches)	
Power Consumption	• Maximum Power Consumption: 0.6 watts	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -25 to 55 °C (-13 to 131 °F)
Humidity	• Operating: 10% to 90% non-condensing	
Certifications	• CE Class B • FCC Class B	• BSMI Class B • C-Tick

DFE-530TX Fast Ethernet PCI Network Adapter

Order Information	
Part Number	*Description*
DFE-530TX	Fast Ethernet PCI Network Adapter

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