

## DGE-500T

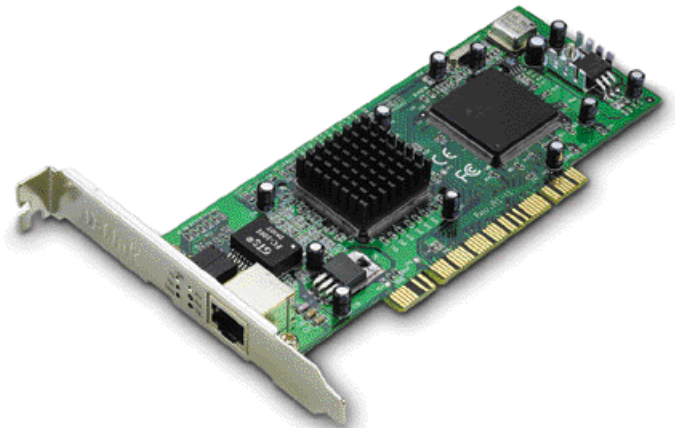
### 32-Bit PCI 10/100/1000 Mbps NWay Gigabit LAN Adapter

#### High Performance Tri-Speed 32-Bit IEEE Standard Compliant Adapter

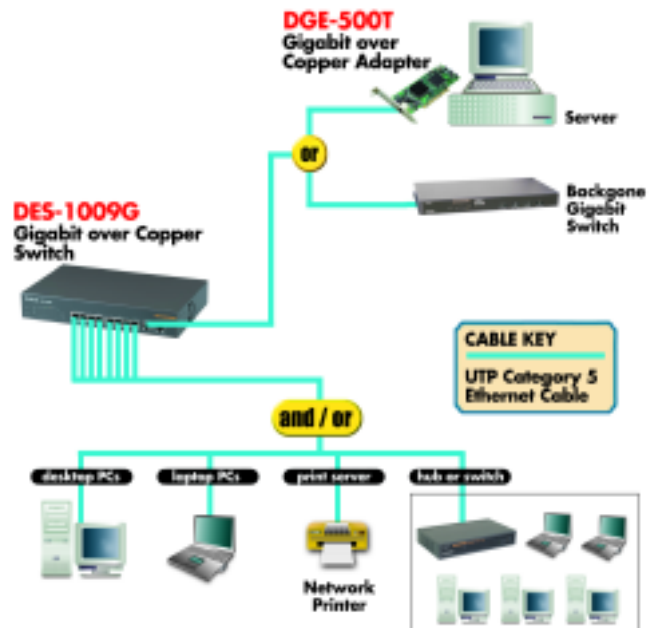
The D-Link DGE-500T is a 32-bit PCI 10/100/1000Mbps NWay Gigabit LAN adapter. The DGE-500T provides extremely fast data transfer rates up to 1000Mbps for high bandwidth usage in areas such as network servers, data storage devices, and high-speed video conferencing in the home or office environments.

The DGE-500T is IEEE 802.3, IEEE 802.3u and IEEE 802.3z compliant. It is designed with the newest networking technologies such as Auto MDI-II/MDI-X crossover capabilities, and multicasting support to utilize network bandwidth more efficiently. The DGE-500T is 2.1 and 2.2 PCI compliant. The DGE-500T supports Full Duplex operation for 20/200/2000Mbps data rates and flow control.

The DGE-500T RJ-45 Ethernet port is designed to automatically detect a straight-through or a crossover Cat5 cable. The DGE-500T comes with a built-in 8 KB Transmit and 32 KB Receive data FIFOs. The DGE-500T supports Plug-and-Play installation and is compatible with Windows 98, ME, 2000, NT 4.0 Operating systems.



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*Above is a sample configuration utilizing the power of the DGE-500T Gigabit over Copper Adapter*

# DGE-500T

## 32-Bit PCI 10/100/1000 Mbps NWay Gigabit LAN Adapter

### Technical Specifications

<b>Standards</b>	<ul style="list-style-type: none"><li>● IEEE 802.3 10BASE-T Ethernet</li><li>● IEEE 802.3u 100BASE-TX FAST Ethernet</li><li>● IEEE 802.3z 1000BASE-T Gigabit Ethernet</li><li>● ANSI / IEEE 802.3 NWay Auto-negotiation</li><li>● IEEE 802.3x Full Duplex Flow Control</li></ul>
<b>Protocol</b>	CSMA/CD
<b>Host Interface</b>	<ul style="list-style-type: none"><li>● PCI 2.1, 2.2 specification</li><li>● 32 bit compatible RJ-45 network</li></ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"><li>● Ethernet 10 Mbps (half-duplex) 20Mbps (full-duplex)</li><li>● Fast Ethernet 100 (half-duplex) 200Mbps(full-duplex)</li><li>● Gigabit 1000Mbps (full-duplex) 2000Mbps (full-duplex)</li></ul>
<b>Network Cables</b>	Gigabit Ethernet 4-pair UTP Cat5e 100-ohm STP
<b>Led Indicator</b>	<ul style="list-style-type: none"><li>● 10 Link</li><li>● 100 Link</li><li>● 1000 Link</li><li>● FDX, Collision, Activity</li><li>● Data</li></ul>
<b>RJ-45 Port</b>	Auto MDI-II/MDI-X port
<b>Power Consumption</b>	10 watts. (max.)
<b>Temperature</b>	<ul style="list-style-type: none"><li>● Operating: -10° ~50° C</li><li>● Storage: -10° ~70° C</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>● Operating: 10%~90%</li><li>● Storage: 5%~90%</li></ul>
<b>Dimensions</b>	164 X 69 mm (WxH)
<b>EMI</b>	<ul style="list-style-type: none"><li>● FCC Class B</li><li>● CE Mark B</li><li>● VCCI-B</li></ul>
* Specifications are subject to change without notice.	