

Product Contents

Verify that your DGE-550SX PCI-X 1000Base-SX Network Adapter package contains the following items. If any items are missing, please contact your reseller.

- D-Link DGE-550SX PCI-X 1000Base-SX Network Adapter
- Drivers, Manual, and Warranty on CD

System Requirements

Before installing the DGE-550SX, check your system for the following minimum configuration requirements.

- Windows[®] XP SP2, 2000 SP4, Vista[™], or 2003*
- CD-ROM Drive
- 20MB of Hard Disk Space
- 32-bit PCI Slot

Introduction

The D-Link DGE-550SX is a high-bandwidth network adapter, providing up to 2000Mbps full-duplex bandwidth capacity to support high-end servers. This adapter delivers added performance to the network while working with the existing LAN infrastructure. In addition, with advanced functions like VLAN filtering and hardware-based Chip-Level IP (CLIP) processing, the adapter provides added performance, flexible configuration, and secure networking to users in a standards-based environment. In its compact form, the DGE-550SX network adapter holds a Gigabit Ethernet controller and a standard-based PCI/PCI-X interface with a fiber SC connector. Its front panel includes LEDs to indicate linkage and activity states.

The DGE-550SX network adapter can be installed in (short) 32-bit or (64-bit) PCI/PCI-X slots at 33MHz, 100MHz, or 133MHz. Best performance, however, is reached with a 64-bit/133MHz bus.

No pre-installation is required to setup the DGE-550SX network adapter; simply insert it into the PCI/PCI-X slot. For more detailed information about the network adapter and technical specifications, please refer to the manual located on the Autorun CD.

Step 1 - Driver Installation

Turn on your computer and insert the D-Link DGE-550SX Autorun CD into the CD-ROM drive.

Note: Do not install the adapter until you install the drivers.

If the Autorun CD function does not automatically start on your computer, go to Start > Run. In the run command box type "D:\Autorun.exe" (where *D:* represents the drive letter of your CD-ROM drive).

When the autorun screen appears, click Install Drivers.

Drivers for non-Windows[®] operating systems are located on the CD, and can be accessed via the View Other Drivers button.

Please see the section "Alternate Driver Installation" in the manual for a detailed description on installing drivers for a specific operating system.

Step 2 - Hardware Installation

- A. Shut down the computer and unplug the power cord.
- B. Remove the chassis cover. If you are installing a network adapter in a tower computer, we recommend to put the computer on its side in order to be able to apply the correct force to insert the adapter into the PCI/PCI-X slot.
- C. Locate an empty PCI or PCI-X slot on the motherboard.

Note: This adapter can be installed in (short) 32-bit or (long) 64-bit PCI/PCI-X slots at 33 MHz, 66 MHz, 100 MHz, or 133 MHz. Maximum performance, however, is reached with a 64-bit/133 MHz bus.

- D. Insert the network adapter into the PCI/PCI-X slot and push it vertically into the slot until it is firmly seated.
- E. Install the bracket screw to secure the network adapter to the computer chassis.
- F. Replace the computer chassis cover.
- G. Reconnect the power and switch the computer power on. If the BIOS section of your computer's boot program is plug-and-play compatible, then at power-up the BIOS will automatically configure any newly installed DGE-550SX Network Adapter.

Step 3 - Connecting the Network Cable

1000Base-SX Gigabit Ethernet enables operation over 50.0mm or 62.5mm multimode fiber-optic cabling systems. With 62.5mm multimode fiber-optic cabling link lengths are limited to 275 m (max distance), 50.0mm multimode fiber-optic cabling allows for link lengths of 550 m (max distance).

Notes

Notes

Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

(877) 453-5465

World Wide Web

<http://support.dlink.com>

Canada

Telephone

(800) 361-5265

World Wide Web

<http://support.dlink.com>