FAST ETHERNET PCI NETWORK CARD

QUICK INSTALL GUIDE

MODEL 509510
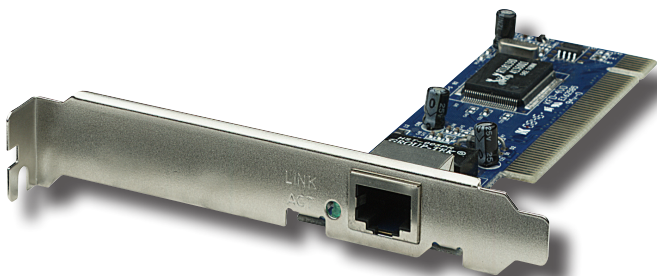
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NETWORK SOLUTIONS

Thank you for purchasing the INTELLINET NETWORK SOLUTIONS™ Fast Ethernet PCI Network Card, Model 509510.

This is a high-performance network adapter designed to fit into the PCI slot of your desktop computer so you can upgrade your computer to support Fast Ethernet network speeds that are 10 times the speed of 10Base-T Ethernet.

The card supports throughput rates of up to 200 Mbps when running in full duplex mode — ideal for resource-intensive CAD/CAM, client-server databases, multimedia, pre-press, advertising graphics, servers and mission-critical applications — and will automatically detect the network speed that the LAN switch port is set to and run at the same speed. When running in full duplex mode, the card provides throughput rates of 20 Mbps (10Base-T Ethernet) and 200 Mbps (100Base-TX Fast Ethernet).

This quick install guide presents the steps required for installation and operation so you can also soon be enjoying these other popular features:
• Supports 32-bit PCI V2.1
• Auto-negotiation with next page capability
• Full duplex flow control (IEEE 802.3x)
• Lifetime Warranty

Package Contents
• Fast Ethernet PCI Network Card
• Setup Disk with quick install guide
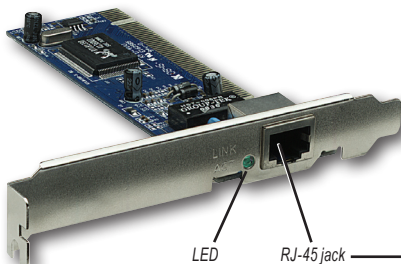
Pin	Assignment
1	Transmit Data (+)
2	Transmit Data (-)
3	Receive Data (+)
6	Receive Data (-)
4,5, 7,8	Received

LED   *RJ-45 jack*

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INSTALLATION

1. Turn off your PC and remove its cover.
2. Insert the adapter into an empty PCI slot.
3. Connect the adapter to the network using an RJ-45 cable.
4. Turn on the PC.
5. Run the diagnostic program (in the root directory of the setup disk) to check the installation and set adapter parameters such as operating mode, media type and full duplex.
6. Install the software driver from the setup disk. *NOTE:* Before running the program, remove any network drivers; otherwise, the system could get hung up. At the prompt, type **A:\>9939D** and press the "Enter" key.

SPECIFICATIONS

Network
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- RJ-45 Connector
- MDI/MDI-X
- Ethernet 10 Mbps (half-duplex)
- Ethernet 20 Mbps (full-duplex)
- Fast Ethernet 100 Mbps (half-duplex)
- Fast Ethernet 200 Mbps (full-duplex)

Hardware
- FCC Compliance, CE Mark
- Compliant with 32-bit PCI 2.1
- Realtek 8139 Chipset
- LED: Link/Act

Environmental
- Dimensions:
  - 12 (W) x 13.3 (D) x 2.54 (H) cm (4.75 x 5.25 x 1 in.)
  - 45.3 g (1.6 oz.)
- Operating temperature: 0 – 55°C (32 – 131°F)
- Storage temperature: 20 – 70°C (4 – 158°F)
- Operating humidity: 10 – 90%, non-condensing
- Storage humidity: 5 – 95%, non-condensing

Supported OS
- Windows 9x, 2000, 2003 Server XP, XP64, NT, 3.11 / Windows for Workgroups
- MacOS
- Linux
- BeOS
- NOVELL 3.x, 4.x, 5.x. 6.x

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INTELLINET NETWORK SOLUTIONS™ offers a complete line
of active and passive networking products.
Ask your local computer dealer for more information or visit

www.intellinet-network.com.

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of

the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from
   that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for
help.

NOTE 2: The manufacturer is not responsible for and radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.