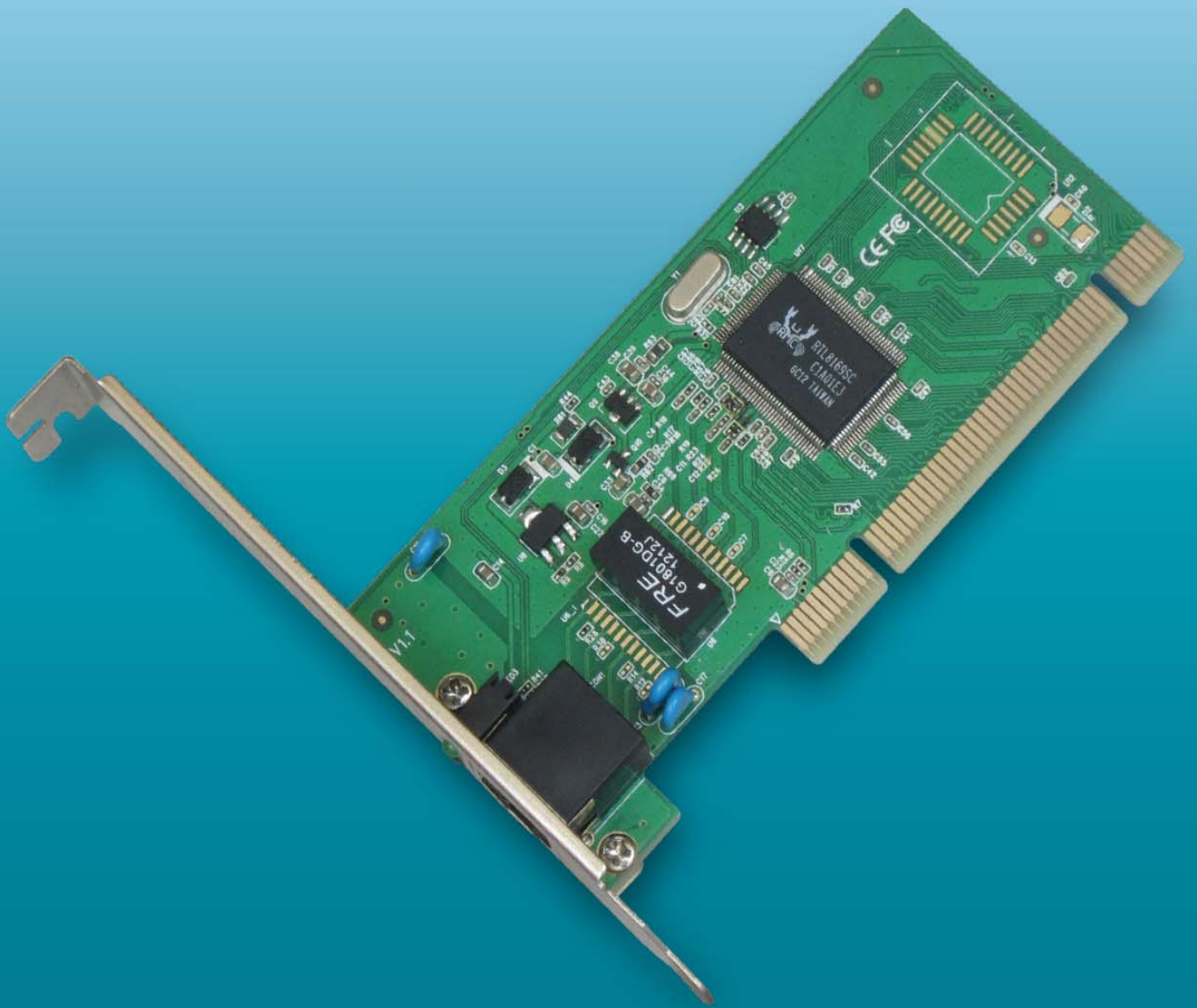


LINKSKEY®



LKG-6100

**10/100/1000 Mbps
Gigabit Ethernet Adapter**

Rev . D



Overview

LKG-6100 is a high-bandwidth network adapter that auto-senses 10/100/1000Mbps connection speed, half/full-duplex modes, and MDI-X media type. It includes the latest VLAN tagging to efficiently utilize network bandwidth for maximum data throughput. It also provides Data Rate to 20/200/2000Mbps in Full-Duplex Mode. LKG-6100 provides high-bandwidth connection to your desktop.



Features

- Support 32-Bit PCI Local Bus Master high-speed operation
- 1 x 10/100/1000Mbps Auto Negotiation and Auto MDI-X Gigabit Port
- Supports Full-Duplex Mode Doubles Network Data Rate to 20/200/2000Mbps
- Supports IEEE 802.1Q VLAN Tagging
- Built-in FIFO buffers reduce overhead of memory transfers
- Supports Wake-on-LAN
- Supports Jumbo Frame transfers
- Plug and Play



Installation

1. Insert the Driver CD-ROM into your CD-ROM drive and click Install Driver.
2. Choose a suitable OS and follow the Wizard instructions and then click Finish
3. Shutdown your computer and then open the computer's case.
4. Insert the LKG-6100 firmly into an available PCI slot and then turn on the computer.
5. Connect a RJ45 network cable from the computer to an available Ethernet port on your router or switch. Your installation is completed.

4 LED

Link

Green(Solid) : Connection between adapter and server or switch.

ACT

Green(Blinking) : Activity is occurring.

5 Specifications

Standard	IEEE 802.3, 802.3u ,802.3ab
Protocol	CSMA/CD
Interface	32-bit 33/66MHz PCI 2.1/2.2/2.3
Transmission Rate	10/100Mbps for Half-Duplex mode 20/200/2000Mbps for Full-Duplex mode
Port	1 x 10/100/1000Mbps Auto-Negotiation RJ45 Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
LED Indicators	Link · ACT
Temperature	Operating 0°C~40°C Storage : -40°C~70°C
Humidity	Operating : 10%~90% (non-condensing) Storage 5%~95% (non-condensing)
Operating System	Windows 98/ME/NT4.0/2000/2003/XP/Vista/7 Netware, Linux



TECHNICAL SUPPORT
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