

JE1000R

PCI Express Gigabit Ethernet Adapter

Introduction

The JE1000R is a high performance Gigabit Ethernet adapter designed for PCI Express Bus, which has better performance than the current PCI interface.

With supporting connection speed up to 1000 Mbps, the JE1000R boost your networking throughput easily.

It allows users to transfer high-bandwidth needed files faster and hence get a real efficiency improvement.

The JE1000R also support NWay auto-negotiation that detects the networking speed (10/100/1000 Mbps) and the duplex modes (full/half) automatically. Auto-MDI/MDI-X is also supported to alleviate the effort choosing crossover cables.

Feature

- Compliant with PCI Express 1.0a - x1 PCI Express standard
- Compliant with CSMA/CD protocol
- Supports with 10/100/1000 Mbps and Full/Half-Duplex auto negotiation.
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Support Full Duplex flow control (IEEE 802.3x)
- Support Auto-MDI/ MDI-X auto crossover.
- Support Wake-On-LAN
- ACPI Power Management, compliant to ACPI 2.0
- Integrated 128KB Frame Buffer Memory
- Supports Windows 2000/X64/XP

Specification

- **Standard**

IEEE 802.3

IEEE 802.3u

IEEE 802.3ab

IEEE 802.3x

- **Ports**

1 * 10/100/1000 Mbps RJ-45 ports

Supports Auto MDI/MDI-X

- **BUS architecture**

PCI-E

- **Emission**

FCC Class B, CE, VCCI Class B

- **Rich LED indicators**

LNK/ACT: 10Mbps; 100Mbps;

1000Mbps

- **Operating Temperature**

0°C- 40°C (32°F- 104°F)

- **Operating Humidity**

10% ~ 90% (non-condensing)

