



UPE2300-PE

PCI Express Gigabit Adapter

10/100/1000Mbps Ethernet Connectivity



FEATURES

- Compliant with PCI Express 1.0a - x1 Standard
- PCI Express high-speed serial bus up to 2.5Gbps
- Supports advanced Wake-on-LAN and ACPI power management, compliant to ACPI 2.0
- 10/100/1000M auto speed at full/half duplex mode
- Supports all major operation systems including Windows 2003 / 2000 / XP
- Supports Auto MDI/MDI-X auto crossover
- Supports Full Duplex flow control (IEEE802.3x)
- Integrated 48K bytes frame buffer memory
- Compliant with CSMA/CD protocol
- Plug and play installation
- Complies with 10Base-T specifications of the IEEE802.3 standard
- Complies with 100Base-TX specifications of the IEEE802.3u standard
- Complies with 1000Base-T specifications of the IEEE802.3ab standard

PACKAGE CONTENTS

- One Gigabit PCI Express Network Adapter
- One CD (User's Manual / Driver)

OVERVIEW

The UPE2300-PE is a high performance Gigabit Ethernet adapter designed for PCI Express bus, which can increase bandwidth, reliability, performance, and more functionality than standard PCI network interface. ExpressCard technology replaces conventional parallel buses for I/O devices with high-speed serial interface-PCI Express. This new technology allows throughput at rates up to 2.5Gbps.

With supporting connection speed up to 1000Mbps, the UPE2300-PE boost your networking throughput easily. It allows users to transfer high-bandwidth needed files faster and hence get a real efficiency improvement. Advanced power management and Wake-on-LAN support allow the network administrator to boot the PC from anywhere on the network.

The UPE2300-PE also support Nway auto-negotiation that detects the networking speed (10/100/1000Mbps) and the duplex modes (Full/Half) automatically. Auto MDI/MDI-X is also supported to alleviate the effort choosing crossover cables. It allows users connect to other network devices including Hub or Switch without any concern about crossover or non-crossover UTP cables.

The UPE2300-PE supports major operating system such as Windows XP, 2000, and 2003, guaranteeing compatibility with existing server and workstation environment. With advanced features, latest high-speed architecture, and reliability, UPE2300-PE is the excellent device for any network that requires a high performance Gigabit network adapter at an affordable price.

SPECIFICATIONS

| System Specifications | |
|------------------------|--|
| Ethernet Standard | IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Full-Duplex operation and flow control |
| Bus Interface | PCI Express (PCI-e) |
| Uplink | Auto MDI/MDI-X (Auto Crossover) |
| Supported OS | Windows 2003 / 2000 / XP |
| Network Speed | 10/100/1000Mbps & Full/Half duplex mode auto detection (1000Mbps for Full-duplex only) |
| Power Management | Wake-on-LAN and ACPI 2.0 |
| Diagnostic LED | Link/Act: 10Mbps; 100Mbps; 1000Mbps |
| Memory | 48K bytes frame buffer memory |
| Cable Connection | 10Mbps: UTP/STP Category 3 or better 100Mbps: UTP/STP Category 5 or better 1000Mbps: UTP/STP Category 5e or better |
| Installation | Desktop plastic case, compact size |
| Operating Temperature | 0° ~ 40°C (32° ~ 104°F) |
| Operation Humidity | 10% ~ 90% (non-condensing) |
| Dimension | 75 (L) x 120 (W) x 18 (H) mm |
| Weight | 40g |
| Emission Certification | CE, FCC, VCCI Class B |

ORDERING INFORMATION

| Model | Description |
|------------|--|
| UPE2300-PE | PCI Express 10/100/1000M Gigabit Network Adapter |

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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