

UEC2300-32R2

Gigabit PCI Ethernet Adapter

10/100/1000Mbps Gigabit Instant Network Connectivity



FEATURES

- Compliant with PCI V2.2;2.1;2.0, 32-bit,33/66MHz
- Advanced Wake-on-LAN/remote wake-up and ACPI power management, fully compliant to ACPI 2.0
- 10/100/1000Mbps Auto Negotiation & Jumbo frame
- Support all major operation systems which include Windows 7/98SE/ME/Vista/2000/XP/Netware/Linux
- Supports Auto MDI/MDI-X and Crossover Detection
- Supports Full Duplex flow control (IEEE802.3x)
- Device integrated with 72 bits buffer memory
- Support power-down and link-down power saving
- Easy Plug and Play installation: Auto setup of IRQ and I/O address, user-friendly & highly adaptive
- Complies with 10Base-T IEEE802.3 Standard
- Complies with 100Base-TX IEEE802.3u standard
- Complies with 1000Base-T IEEE802.3ab standard
- Supports advanced IEEE802.1Q VLAN tagging
- Supports up to 128K byte Flash Boot ROM (option)
- Supports IEEE802.3x Full- Duplex Flow Control
- Supports 72 bit buffer memory
- Integrated with Realtek RTL8169SC chipset

Package Contents

- One 32-bit Gigabit Ethernet PCI Adapter
- One User's Manual / Driver CD-ROM

The UEC2300-32R2 is a high performance 32-bit PCI Bus Gigabit Ethernet adapter built on 32-bit PCI bus. Which can but only highly increase your bandwidth, reliability, but most of all, and performance. Even further, it consists of functionality more than standard PCI network interface. Plug-and Play enable, it supports 802.1Q priority queuing for optimized data traffic and provides Auto-MDI/MDI-X on the RJ-45 LAN port.

UEC2300-32R2 can support express throughput rate up to 2Gbps under Full-duplex mode. It can also act as an ideal resource-intensive media for client-server database, multimedia applications....etc. Advanced power management and wake-on-LAN functions allow the network administrator to manipulate the PC from anywhere on the network. It also supports power-down / link-down power saving features.

Being an alternative cost-effective solution to fiber-optics, the UEC2300-32R2 opens the door to the instant Gigabit transmission without require having to install any additional and expensive fiber cables. It practically uses your existing Category-5 cabling providing you with fact 10/100/1000Mbps network transmissions.

The UEC2300-32R2 supports all major operating systems such as Windows 7, XP, 2000, Linux, ME, and Netware 4/5/6.x. Guaranteeing compatibility with the existing server and workstation environment. Featuring advanced technology, latest high-speed architecture, and reliability, UEC2300-32R2 is the ideal device for any network that requires a high performance Gigabit network adapter at a cost-effective price.

SPECIFICATIONS

| Hardware Specifications | |
|--------------------------------|--|
| Ethernet Standards & Protocols | IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x Full-Duplex operation and flow control PCI Revision 2.1/2.2 CSMA/CD and TCP/IP |
| Bus Interface | 32-bit PCI Bus Master |
| LAN Port | 1 x 10/100/1000Mbps RJ-45 port (Supports Auto MDI/MDI-X) |
| Transmission Rate | Ethernet : 10/20Mbps (Half-Duplex/Full-Duplex mode) Fast Ethernet : 100/200Mbps (Half-Duplex/Full-Duplex mode) Gigabit Ethernet : 1000/2000Mbps (Half-Duplex/Full-Duplex mode) |
| Slot | 1-BootROM slot (Optional) |
| Jumbo Frame | 7680 byte (around 7K byte) |
| Flow Control | IEEE802.3x Flow Control (Full-Duplex) |
| WOL Support | Wake-on-LAN and Remote Wake-up support Power Management Event (PME) |
| Environment Specifications | |
| LED indicators | (1) ACT (2) Link 10/100/1000Mbps |
| Dimension | 125 (L) x 121 (W) x 22 (H) mm (Including Bracket) |
| Weight | 230g |
| Operating Temperature | 0°C ~ 50°C (32°F ~ 122°F) |
| Operating Humidity | 10% ~ 90% non-condensing |
| Storage Temperature | -40°C ~ 70°C (-40°F ~ 158°F) |
| Storage Humidity | 5% ~ 90% non-condensing |
| Certification | FCC Class B 、 CE 、 RoHS |

Device Diagram

10/100/1000Mbps 32-bit Gigabit Ethernet PCI Adapter Indication Diagram



ORDERING INFORMATIONS

| Model | Description |
|--------------|--|
| UEC2300-32R2 | 10/100/1000Mbps 32bit Gigabit Ethernet PCI Adapter (w/ BootROM Socket) |

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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