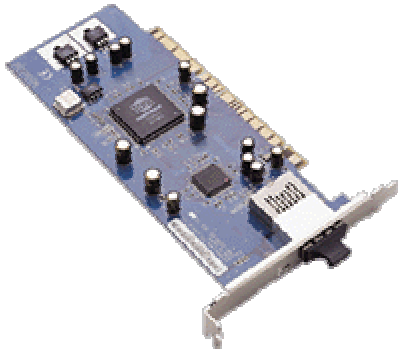
# UEC2300-SCT



## Gigabit Fiber LAN Card
## 64-bit PCI 10/100/1000M
### Gigabit Ethernet Card with Fiber SC Port

**FEATURES**

- Comply with 10Base-T and 100Base-TX standards
- Support V-Ethernet standard
- One 10/100Mbps Fast Ethernet port
- One VDSL over Ethernet port
- Two RJ-11 connectors for v-Ethernet port
- Up to 30Mbps VDSL symmetry data bandwidth
- Extending distance up to 1.2Km phone line cable
- Voice and Data work on the same telephone line
- Transparent to all kind of network protocols
- Provide master/slave device to work in a pair

**OVERVIEW**

*High Performance*

The Fiber Gigabit Ethernet Card is a cost effective high performance network interface card. It operates in 1000Mbps with multimode fiber cable. Supporting prioritization function and VLAN tag function, it is ideal for bandwidth demanding applications.

*Reliable Transmission Media*

With Fiber Optic connection, the network is reliable for long distance transmission and immune to electrical and magnetic interface.

*IEEE 802.3x Flow Control*

Flow Control ensures reliable packet transfer and preventing packet lost, increasing reliability and performance.

*High speed PCI Bus*

The Fiber Gigabit Ethernet Card operates in 64-bit or 32-bit, 66MHz or 33MHz PCI Local Bus Master mode, delivering high throughput with lower CPU utilization to increase overall system performance.

## SPECIFICATIONS

| System Specifications | |
|---|---|
| Network Standard | IEEE802.3z 1000BASE-SX |
| System Interface | PCI V2.0/2.1/2.2 64/32-bit 66/33 MHz |
| Network Port | One Fiber Gigabit Ethernet port with SC connector |
| Cable Connections | 62.5/125mm MMF Multimode Fiber cable |
| Max. Distance | 220 meter |
| Network Data Rate | 1,000 Mbps Auto-negotiation (1000BASE-SX) |
| Network Drivers | Windows 98 / 98SE / Me<br>Windows 2000 / XP<br>Windows NT4.0<br>NetWare Server 4.x / 5.x<br>Linux Driver<br>DOSODI / Packet Driver |
| LED indicators | Link/Activity |
| Network Controller chip | Tamarack TC9021 |
| Dimension | 192 x 78 mm PCB Dimension |
| Weight | 80g |
| Emission | FCC Class B, CE Mark |
| **Environment** | |
| Operating Temperature | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| Operating Humidity | 10% to 90% Non-Condensing |
| Storage Humidity | 0% to 95% Non-Condensing |

## ORDERING INFORMATIONS

| Model | Description |
|---|---|
| UEC2300-SCT | 64-Bit PCI Fiber Gigabit Ethernet Card with SC Connector |

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