

ProG-2000S –32-bit PCI Gigabit Ethernet Adapter

Gigabit to the Desktop!

Say goodbye to network slowdown. CNet's ProG-2000L delivers robust Gigabit transmission to your desktop at up to 2000Mbps. This adapter is designed with 32-bit bus master for intelligent Flow-control, high throughput and low CPU utilization. Therefore, it can run on intense network applications quickly and inexpensively with most reliable performance.

With the design of Auto-negotiation and Auto-MDI-/MDI-X functions, this 10/100/1000Mbps adapter frees you from manually switching among 10/100/100Mbps and Full-/Half-duplex modes.

In addition to being user-friendly, and hassle-free, this adapter is further equipped with centralized management to satisfy administrators' wishes. Wake-on-LAN function allows administrators to power on any computer on the network at any time, even during off-hours, while Boot ROM function lets servers to boot diskless computers remotely.

KEY FEATURES

- Checksum and Segmentation Task-offload
 - Support Wake-on-LAN and, and Flow-control
 - Support Layer-2 Priority Queuing, VLAN Tag and Jumbo Frame
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- Checksum and Segmentation Task-offload Reduce CPU Workloads for Enhanced System Response and Network Scalability
 - Compliant with Microsoft UPnP
 - Optional Boot ROM Function Allows to Boot Diskless PCs Remotely
 - Support Flow-control, Layer 2 Priority Queuing, VLAN Tag and Jumbo Frame
 - Wake-on-LAN Technology Allows Administrators to Remotely Access Networked PCs
 - Auto-negotiation Intelligently Detects and Determines 10/100/1000Mbps and Full-/Half-duplex
 - Full-duplex Available in 10/100/1000Mbps and up to 2000Mbps at Full-duplex Mode
 - Auto-MDI/MDI-X Automatically Adjusts between Straight-through and Crossover Cables to Facilitate Installation and Troubleshooting

SPECIFICATIONS

| Model | ProG-2000S |
|-------------------------|---|
| Standards | <ul style="list-style-type: none">• IEEE 802.3: 10BASE-T• IEEE 802.3u: 100BASE-TX• IEEE 802.3ab: 1000BASE-T |
| Advanced Features | <ul style="list-style-type: none">• IEEE 802.3x: Flow-control• IEEE 802.1Q: VLAN Tag• IEEE 802.1p: Packet Prioritization |
| Bus Type | <ul style="list-style-type: none">• PCI-Bus specification revision 2.2 |
| Network Interface | <ul style="list-style-type: none">• One shielded RJ-45 |
| Network Modes Supported | <ul style="list-style-type: none">• 10BASE-T: 2 pair Category 3, 4, and 5 TP supported• 100BASE-TX: 2 pair Category 5 TP cable required• 1000BASE-T: 4 pair Category 5 TP cable required• Full-duplex Available in the three modes |
| LED Indicators | <ul style="list-style-type: none">• Four Green LEDs display 10/100/1000 Link, and Activity status |
| Environment | <ul style="list-style-type: none">• Operating Temperature: -20° ~ 70°C (-4° ~ 158°F)• Storage Temperature: -40° ~ 80°C (-40° ~ 176°F)• Humidity: 10% ~ 90% Non-condensing |
| Dimensions | <ul style="list-style-type: none">• 119.9 x 51 mm (4.72x 2 inches) |
| Operating System | <ul style="list-style-type: none">• MS Windows 98SE/ME/2000/XP |