

# SOHO-FAST/R Series

32-bit PCI 10/100Mbps Fast Ethernet Card  
with ACPI Wake-On-LAN

## Features

- Support 32-bit PCI Local Bus Master high-speed operation of Rev.2.1 and Rev.2.2 Specification
- Plug-and-Play installation -- simply insert the card into a PC and it will automatically be configured by the PC BIOS
- One RJ-45 connector: Auto detection of 10Mbps Ethernet and 100Mbps Fast Ethernet
- Supports 10/100Mbps NWay Auto-negotiation operation
- Supports Full-duplex mode doubles network data rate to 20Mbps/200Mbps
- Supports PCI 2.1, PCI 2.2 ACPI power management and Wake-On-LAN
- Supports Wake-On-LAN function and remote wake-up (Magic Packet, LinkChg and Microsoft wake-up frame)
- Compliant to PC99 standard
- Contains two large (2Kbyte) independent receive and transmit FIFO's
- Advanced power saving mode when LAN function or wake up function is not used
- Supports Full-duplex Flow Control (IEEE 802.3x)
- 2 LED indicator, Link, Activity



## Specifications

### Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3X Full-duplex flow control

### Network Media

- Ethernet: UTP Cat. 3, 4, 5, EIA/TIA -568 100-ohm screened twisted-pair (STP)
- Fast Ethernet: UTP Cat. 5, EIA/TIA -568 100-ohm screened twisted-pair (STP)

### Protocol

- CSMA/CD

### Host Interface

- 32-bit PCI Rev.2.1, Rev.2.2

### Diagnostic LEDs

- Link
- Activity

### Network Data Transfer Rate

- Ethernet: 10Mbps (Half-duplex)  
20Mbps (Full-duplex)
- Fast Ethernet: 100Mbps (Half-duplex)  
200Mbps (Full-duplex)

### Wake-Up Method

- Magic Packet
- LinkChg
- Microsoft Wake-up frame

### Temperature

- Operating: 0 ~ 55 °C
- Storage: -10 ~ 70 °C

### Humidity

- Operating: 10% ~ 90% RH
- Storage: 5% ~ 90% RH

### Emission

- FCC Class B
- CE mark Class B
- VCCI-B

### Supported Drivers

- Microsoft Windows 95, 98, Me
- Microsoft Windows 2000
- Microsoft Windows NT 4.0
- Microsoft Windows for Workgroup 3.11
- Microsoft LAN Manager for DOS
- Novell NetWare Server 3.12, 4.1x, 5.0
- Novell Netware ODI for DOS
- Novell Netware ODI Client 32
- Packet Driver
- NDIS 2.0
- Linux

## Ordering Information

<b>SOHO-FAST/R</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.2 ACPI Wake-On-LAN</b>
<b>SOHO-FAST/RP</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.1/2.2 ACPI Wake-On-LAN</b>
<b>SOHO-FAST/RE</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.2 ACPI Wake-On-LAN</b>
<b>SOHO-FAST/RPE</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.1/2.2 ACPI Wake-On-LAN</b>
<b>SOHO-FAST/RL</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.2 ACPI Wake-On-LAN , and Boot ROM Socket</b>
<b>SOHO-FAST/RPL</b>	<b>32-bit PCI 10/100Mbps Fast Ethernet Card with PCI 2.1/2.2 ACPI Wake-On-LAN and Boot-Rom Socket</b>