

## Cisco PIX 64-Bit/66-MHz Four-Port Fast Ethernet Interface Card

The Cisco® PIX® 64-bit/66-MHz four-port Fast Ethernet interface card delivers high performance PCI interface, increased port density per PCI slot, and ease of integrating with the world-leading Cisco PIX Security Appliance Series. For small-to-medium business to large enterprise and service provider networks, the Cisco PIX Security Appliance Series offers extensible solutions providing robust, enterprise-class, and integrated network security services with a solid investment protection. The Fast Ethernet card takes full advantage of this extensibility by providing high-performance interfaces for stateful inspection firewalling, protocol and application inspection, virtual private networking (VPN), in-line intrusion protection, and rich multimedia and voice security services in an easy-to-deploy solution.

### High-Performance Bus Interface Enables Robust Corporate Networks

The Fast Ethernet card supports the high-bandwidth 64-bit/66-MHz PCI bus interface delivering high-throughput networks enabling robust corporate communication. The card is supported on the complete product line of extensible Cisco PIX Security Appliances. As part of a family of 64-bit/66-MHz PCI enabled cards, which include Cisco VPN Acceleration Card Plus and Cisco PIX Gigabit Ethernet card, the Fast Ethernet card takes full advantage of the multiple 64-bit/66-MHz PCI slots available on Cisco PIX 535 Security Appliance. These high-performance interface and services cards combined with the Cisco PIX 535 Security Appliance offer an unmatched high-throughput and extensible security appliance solution.

### Multiple Network Interfaces Facilitate Enhanced Network Security

Cisco PIX 64-bit/66-MHz four-port Fast Ethernet card provides four Fast Ethernet ports enabling enterprises and service providers to physically separate network traffic between networks segments, such as demilitarized zones (DMZ), business partners, or internal corporate departments in effect providing enhanced security for businesses. Multiple interfaces on a single card conserve valuable PCI slot space and maximize throughput per slot. By plugging in multiple cards into the extensible Cisco PIX Security Appliances achieves overall higher port density while scaling as customer requirements grow.



## Standards-Based Solution Lowers Total Cost of Ownership

The Cisco PIX 64-bit/66-MHz four-port Fast Ethernet card conforms to Ethernet and Fast Ethernet standards. The card is automatically detected when installed in the Cisco PIX Security Appliances, which minimizes operating expenses while maximizing the return on networking investment.

### Key Features

- Four 10/100 Mbps ports on a single card—Increase the flexibility and overall port density of the Cisco PIX Security Appliances
- High bandwidth performance at 66 MHz with 64-bit PCI addressing
- Compatible with Ethernet and Fast Ethernet standards—Reduces training costs and eases rollout
- Scalable throughput—Aggregate bandwidth to remove network bottlenecks
- Cisco PIX Security Appliance Software (Cisco PIX OS) auto-detection—Simplifies installation and maintenance of Network Interface Cards (NICs)
- Deployment flexibility via simultaneous 10 Mbps and 100 Mbps interfaces—Run each port independently to support network segments at different speeds
- Self-configuring 10/100 Mbps performance—Enables migration to faster networks easily and inexpensively. The card will automatically sense when the network is able to support a faster speed, and self-configure to save IT staff time, money, and server downtime
- Backward compatible with 32-bits/33MHz PCI interface

### Performance Summary

Data rates supported per port: 10 and 100 Mbps, auto-negotiation (half/full duplex)

### System Requirements

Operating System: Cisco PIX OS versions 5.2(9), 6.0(4), 6.1(4), 6.2(2), and 6.3(1) or later

Platforms: Cisco PIX, 515/515E, 520, 525, 535 Security Appliances

### Technical Specifications

Processor: Four Intel 82559 processors

PCI Interface: 64-bit/66-MHz and 32-bit/33MHz PCI v2.2 (short form)

Wiring: Category 5, Eight Pair

Connectors: Four RJ-45 connectors

IEEE support: 802.2 and 802.3

IEEE Standard/Network Topology: 10BASE-T, 100BASE-TX

## Environmental Operating Ranges

### Operating

Temperature: 32° to 104°F (0° to 40°C)

Relative Humidity: 85% at +55 C

### Non-operating

Temperature: -40° to 158°F (-40° to 70°C)

### Power Requirements

Power consumption: 10W

Thermal dissipation: 34.1 Btu/hr

## Physical Specifications

### Dimensions and Weight Specifications

Height: 5 in. (16.31 cm)

Depth: 6.5 in. (8.26 cm)

Weight: 0.3 lb (150 gram)

### Interfaces

Four 10/100 Fast Ethernet ports, auto-negotiate (half/full duplex), RJ-45

## Regulatory and Standards Compliance

### Safety

UL 60950, CAN/CSA-C22.2 No.60950, EN 60950, IEC 60950, CE Marking

### Electro Magnetic Compatibility (EMC)

FCC Part 15 (CFR 47) Class A, CISPR22 Class A, ICES-003 Class A, EN55022 Class A, EN300386, EN55024, EN50082-1, EN61000-3-2, EN61000-3-3, EN61000-6-1, VCCI Class A, AS/NZS 3548 Class A, CE Marking

## Product Ordering Information

Part Number	Description
PIX-4FE-66	Cisco PIX 64-bit/66-MHz Four-port Fast Ethernet Interface Card

## Additional Information

For more information, please visit the following links:

Cisco PIX Security Appliance Series:

<http://www.cisco.com/go/pix>

SAFE Blueprint from Cisco:

<http://www.cisco.com/go/safe>



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