

ETHERNET ENHANCED PHYSICAL INTERFACE MODULES



Product Overview

Enhanced Physical Interface Modules (ePIMs) are for use with Juniper Networks SSG520M and SSG550M Secure Services Gateways and the Juniper Networks J Series J4350 and J6350 Services Routers.

Product Description

Juniper Networks® ePIMs are designed to complement the four onboard 10/100/1000 Ethernet interfaces with expanded Ethernet connectivity options, three ePIMs are available: 1-port 10/100/1000 copper Ethernet ePIM, 1-Gigabit Ethernet small form-factor pluggable (SFP) ePIM for fiber connectivity, and 4-port 10/100 Ethernet ePIM. The ePIMs leverage a separate high-speed bus that provides non-blocking access for the ePIM interface cards to maximize performance.

Features and Benefits

- SSG550M can support up to four ePIMs plus two PIMs (DS3, T1/E1, or serial).
- SSG520M can support up to two ePIMs plus four PIMs.
- J6350 can support up to four ePIMs plus two PIMs (DS3/E3, T1/E1, FE, ADSL2+, G.SHDSL, ISDN, or serial).
- J4350 can support up to two ePIMs plus four PIMs.
- Supports full VLAN ID range (1-4096) with the total configured being limited to the maximum number of VLANs specified by the base systems.
- ePIM configuration can be accomplished through command-line interface (CLI), WebUI, or Juniper Networks Network and Security Manager (NSM).

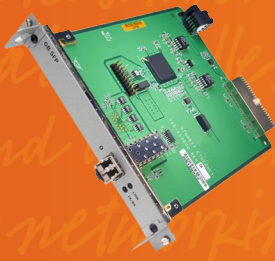
Specifications

Dimensions (H x W x D)

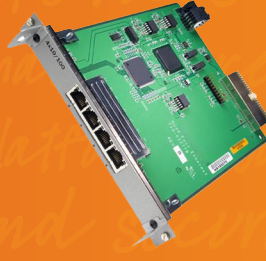
- 0.63 x 5.45 x 6.5 in (1.6 x 13.8 x 16.5 cm)

10/100/1000 ePIM Specifications

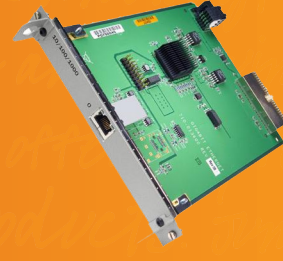
- 1-port 10/100/1000 copper Ethernet
- Auto sensing for 10 Mbps, 100 Mbps and 1000 Mbps full duplex and half duplex
- Auto correcting medium-dependent interface/medium-dependent interface crossover (MDI/MDIX)
- One RJ-45 connector
- Link and activity LEDs



SFP 1000BASE-LX Gigabit Optical Module/SFP 1000BASE-SX Gigabit Optical Module



4-Port Fast Ethernet Enhanced PIM/ 1-Port Fiber Gigabit Ethernet Enhanced PIM



1-Port Gigabit Ethernet 10/100/1000 Copper Enhanced PIM

4-Port 10/100 ePIM Specifications

- 4-port 10/100 copper Ethernet
- Auto sensing for 10 Mbps and 100 Mbps full duplex and half duplex
- Auto correcting MDI/MDIX
- 4 RJ-45 connectors
- Link and activity LEDs

1-Port Gigabit Ethernet SFP ePIM Specifications

- LX and SX fiber small form-factor pluggable transceiver (SFP) options (SFP not included)
- 1 SFP Cage
- Link and activity LEDs

Environmental

For environmental specifications and certifications, please see the SSG500 line and J Series data sheets, and the data sheets for the DS3/E3, T1/E1, serial, FE, ADSL2+, G.SHDSL, and ISDN PIMs.

Performance-Enabling Services and Support

Juniper Networks is the leader in performance-enabling services and support, which are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to bring revenue-generating capabilities online faster so you can realize bigger productivity gains, faster rollouts of new business models and ventures, and greater market reach, while generating higher levels of customer satisfaction. At the same time, Juniper Networks ensures operational excellence by optimizing your network to maintain required levels of performance, reliability, and availability. For more details, please visit www.juniper.net/products-services.

Ordering Information

PRODUCT NUMBER	DESCRIPTION
JXE-1GE-TX-S	1-port Gigabit Ethernet 10/100/1000 Copper Enhanced PIM
JXE-4FE-TX-S	4-port Fast Ethernet Enhanced PIM
JXE-1GE-SFP-S	1-port Fiber Gigabit Ethernet Enhanced PIM, SFP sold separately
JX-SFP-1GE-LX	SFP 1000BASE-LX Gigabit Optical Module for JXE-1GE-SFP-S
JX-SFP-1GE-SX	SFP 1000BASE-SX Gigabit Optical Module for JXE-1GE-SFP-S

About Juniper Networks

Juniper Networks, Inc. is the leader in high-performance networking. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network. This fuels high-performance businesses. Additional information can be found at www.juniper.net.



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