



Juniper Networks Ethernet Enhanced Physical Interface Modules (EPIMs)

The EPIMs leverage a separate high speed bus that provides nonblocking access to each of the cards to maximize performance.

Features

- The SSG 550 can support up to four EPIMs plus two PIMs (DS3, T1/E1, or Serial) while the SSG 520 can support up to two EPIMs plus four PIMs.
- The J6350 can support up to four EPIMs plus two PIMs (DS3/E3, T1/E1, FE, ADSL2 + , G.SHDSL, ISDN, or Serial) while the 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 CLI, WebUI or NetScreen Security-Manager.

Common Specifications

For environmental specifications and certifications, please see the SSG 500 Series and J-series datasheets and the datasheets for the DS3/E3, T1/E1, Serial, FE, ADSL2 + , G.SHDSL, ISDN PIMs.

Specifications

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

Specifications	
Dimensions (H x W x D)	0.63 in. x 5.45 in. x 6.5 in. 1.6 cm. x 13.8 cm. x 16.5 cm.
10/100/1000 EPIM Specifications	1-port 10/100/1000 copper Ethernet <ul style="list-style-type: none"> · Auto sensing for 10 Mbps, 100 Mbps and 1000 Mbps full duplex and half duplex · Auto correcting MDI/MDIX · One RJ-45 connector · Link and Activity LEDs
4-Port 10/100 EPIM Specifications	4-port 10/100 copper Ethernet <ul style="list-style-type: none"> · 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	<ul style="list-style-type: none"> · LX and SX fiber SFP options (SFP not included) · 1 SFP Cage · Link and Activity LEDs

The Juniper Enhanced Physical Interface Modules (EPIMs) for Secure Services Gateway (SSG) 500 Series platforms and J-series J4350 and J6350 routers are designed to complement the four on-board 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*
- *4-port 10/100 Ethernet EPIM*

About Juniper Networks

Juniper Networks develops purpose-built, high-performance IP platforms that enable customers to support a wide variety of services and applications at scale. Service providers, enterprises, governments and research and education institutions rely on

Juniper to deliver a portfolio of proven networking, security and application acceleration solutions that solve highly complex, fast-changing problems in the world's most demanding networks. Additional information can be found at www.juniper.net.



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