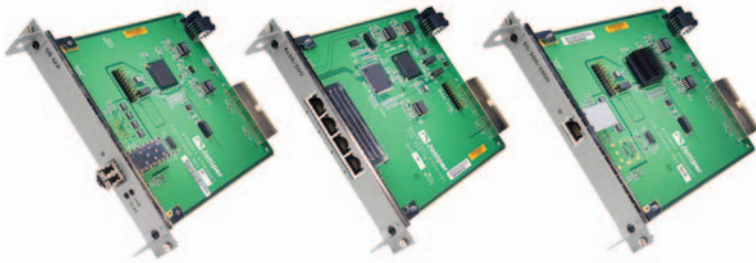


Juniper Networks Ethernet Enhanced Physical Interface Modules (EPIMs)



The Juniper Enhanced Physical Interface Modules (EPIMs) for the Secure Services Gateway (SSG) 500 Series platforms are designed to complement the four on-board 10/100/1000 Ethernet interfaces with expanded Ethernet connectivity options. The EPIMs can be installed in the high-speed I/O slots on both the SSG 520 and SSG 550. The three available EPIMs for the Secure Services Gateway 500 Series include:

- 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

The EPIMs leverage a separate high speed bus that provides non-blocking access to each of the cards to maximize performance. Note that the EPIMs are not compatible with the J-series Services Routers.

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.
- 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 datasheet and the datasheets for the DS3/E3 PIM, T1/E1 PIM and the Serial PIM.

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

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
- 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
- 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 SFP options (SFP not included)
- 1 SFP Cage
- Link and Activity LEDs