



V.92 MINI-PIM

Product Overview

The Juniper Networks single-port V.92 Mini-Physical Interface Module (Mini-PIM) for the Juniper Networks SSG20 Secure Services Gateway complements the five on-board 10/100 Ethernet interfaces with expanded WAN connectivity by giving users a dial backup option with an integrated 56 Kbps (V.92) modem in a single Mini-PIM.

Product Description

The V.92 modem eliminates the need to deploy several separate external devices, and provides an integrated dial-backup solution that consolidates devices to reduce capital expenditures, save valuable space, and simplify management.

Features and Benefits

- Cost effective V.92 dial-backup alternative
- On demand dial-backup
- Complete configuration and management by command-line interface (CLI), Web user interface, or Juniper Networks® Network and Security Manager (NSM)

Specifications

Dimensions (W x H x D) and Weight

- 5.9 x 3.75 x 0.8 in (14.5 x 9.5 x 2 cm)
- 0.17 lb (77.1 g)

Network Interface Specifications

- Supports modem speeds up to 56 Kbps (V.92)

Interface Connector

- RJ-11

Environmental

- Operating temperature: 32° to 104° F (0° to 40° C)
- Storage temperature: -40° to 158° F (-40° to 70° C)
- Relative humidity: 5% to 90% noncondensing

LEDs

PIM LEDs indicate port status with the following LED states:

- CD (carrier detect) - Green
- TX/RX - Green

Carrier Protocols Supported

- ITU v.92
- K56Flex
- ITUv.23
- Bell 103
- ITU v.21
- ITU v.22
- Bell 212A

Compression:

- v.42 bis, v.44

Standards and Compliance

Safety

- CAN/CSA-C22.2 No. 60950-1-03/UL 60950-1 Third Edition, Safety of Information Technology Equipment
- EN 60950-1:2001+A11, Safety of Information Technology Equipment
- IEC 60950-1:2001 First Edition, Safety of Information Technology Equipment

EMC (Emissions)

- FCC Part 15 Class B
- EN 55022 Class B
- AS/NZS 3548 Class B
- VCCI Class B

Immunity

- EN-61000-4-2 ESD
- EN-61000-4-3 Radiated Immunity
- EN-61000-4-4 EFT
- EN-61000-4-5 Surge
- EN-61000-4-6 Low Frequency Common Immunity

European Telecommunications Standardization Institute (ETSI)

- ETSI EN-300386-2: Telecommunication Network Equipment Electromagnetic Compatibility Requirements

Telecom

- FCC Part 68/TIA-968
- IC CS-03
- TBR21

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Ordering Information

Model Number	Description
JXM-1V92-S	1-port v.92 Mini-Physical Interface Module

The V.92 Mini-PIM is supported in Juniper Networks ScreenOS® Software 5.4 or higher releases on the SSG20.

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.

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