

Juniper Networks ISDN BRI Mini-PIM



The Juniper Networks single-port ISDN BRI Mini Physical Interface Modules (Mini-PIM) for the SSG 20 platform complements the five on-board 10/100 Ethernet interfaces with expanded WAN connectivity. The ISDN BRI Mini-PIM includes a single physical port supporting ISDN BRI S/T interface types. For ISDN U interface support, an external NT-1 is required.

Features

- Dial-backup on demand
- MLPPP over two ISDN B-channels
- Bandwidth on demand
- Complete configuration and management by CLI, WebUI, or NetScreen Security-Manager

Specifications

Product Number	Description
JXM-1BRI-ST-S	1 port ISDN S/T BRI Mini Physical Interface Module

ScreenOS Software Release

The ISDN Mini-PIMs are supported in ScreenOS 5.4 or greater on the SSG 20 platforms

Dimensions (W x L x H) and Weight

- 3.75" x 5.9" x 0.80"
- 9.5 cm x 14.5 cm x 2.0 cm
- 0.17 lb. (77.1g)

Environmental

Operating temperature: 0-40°C
 Storage temperature: -40 to 70°C
 Relative humidity: 5% to 90% non-condensing

LEDs

PIM LED's indicate port status with the following LED states:

- CH1 - Channel 1 - Green
- CH2 - Channel 2 - Green

Standards and Compliance

Agency/Regulatory Compliance

Safety

- CAN/CSA-C22.2 No.60950/UL 60950 Third Edition, Safety of Information Technology Equipment
- EN 60950 (2000) Third edition - Safety of Information Technology Equipment
- IEC 60950 (1999) Third edition - Safety of Information Technology Equipment

EMC (Emissions)

- FCC Part 15 Class B (USA)
- EN 55022 Class B (Europe)
- AS 3548 Class B (Australia)
- VCCI Class B (Japan)
- BSMI Class B (Taiwan)

Immunity

- EN 55024
- 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
- EN-61000-4-11 Voltage Dips and Sags

ETSI

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

Telecom

- TBR3

Standards

ITU Standards: Compliance with ITU standards

- Layer 1: ITU-T I.430
- Layer 2: ITU-T Q.920, ITU-T Q.921: LAPD
- Layer 3: ITU-T I.450, ITU-T I.451

ISDN protocols: Support for the following ISDN protocols

- att5e - AT&T switch variant
- etsi - European Telecommunications Standards Institute switch variant
- ni 1 - National ISDN 1 switch variant
- ntdms-100 - Northern Telecom DMS-100
- ntt - NTT Group switch for Japan