PHYSICAL INTERFACE MODULE (PIM) COMPATIBILITY MATRIX FOR THE SRX SERIES FOR THE BRANCH

Product Overview

Juniper Networks SRX Series Services Gateways for the branch offer customers a variety of choices for connecting distributed workforce locations with a few users up to hundreds of users to the corporate network. By consolidating fast, highly available switching, routing, security, and applications capabilities in a single device, enterprises can economically deliver new services, safe connectivity, and a satisfying end user experience. All SRX Series Services Gateways for the branch are powered by Juniper Networks Junos® operating system—the proven OS that provides unmatched consistency, better performance with services, and superior infrastructure protection at a lower total cost of ownership.

Product Description

Juniper Networks® SRX210, SRX220, SRX240, SRX550, and SRX650 Services Gateways support a range of modular I/O options for flexible LAN and WAN deployments.

- SRX210 has one Mini-PIM interface slot.
- SRX220 has two mini-PIM interface slots.
- SRX240 has four Mini-PIM interface slots.
- SRX550 has two mini-PIM interface slots and six modular interface slots supporting GPIM and XPIM interfaces. Slot 6 supports 20 Gbps of backplane speed and slot 3 supports 10 Gbps of backplane speed.
- SRX650 has 8 modular interface slots supporting GPIM and XPIM interfaces. Slots 2 and 6 support 20 Gbps of backplane speed.
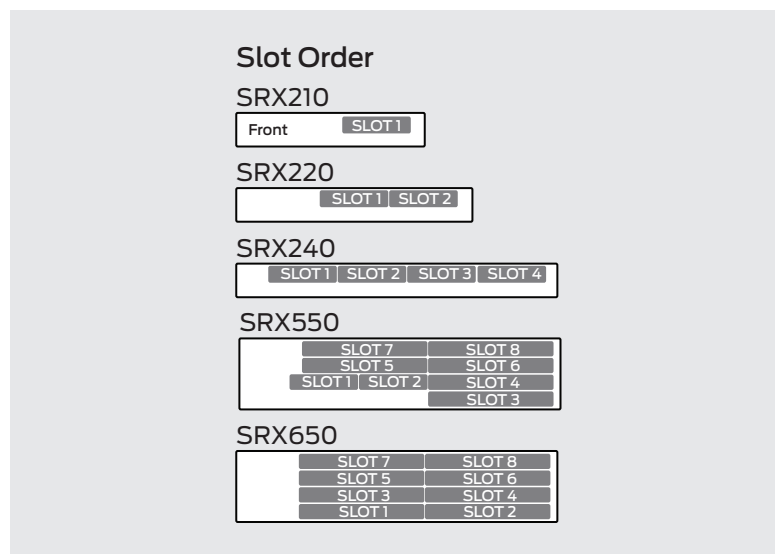

Figure 1: SRX Series for the branch slot order.

Model Number	Description	SRX100/ SRX110	SRX210	SRX220	SRX240	SRX550				SRX650			Minimum Junos OS Release
						Mini Slots	All Std Slots	Slot 3	Slot 6	All Slots	Slot 2	Slot 6	
SRX-MP-1ADSL2-A	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex A.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-1ADSL2-B	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex B.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-8GSHDSL	8-wire (4-pair) G.SHDSL Mini-PIM.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-1VDSL22-A	1-port VDSL22 Mini-PIM supporting Annex A, with fallback to ADSL2/ADSL2+.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-1SERIAL	1-port Sync Serial Mini-PIM.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-1SFP-GE	1-port SFP Mini-PIM.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-MP-1T1E1	1-port T1/E1 Mini-PIM.		✓	✓	✓	✓							Junos OS 10.4R1
SRX-GP-DUAL-T1-E1	Dual T1/E1, 2-ports with integrated CSU/DSU - GPIM. Single GPIM slot.						✓			✓			Junos OS 9.5
SRX-GP-QUAD-T1-E1	Quad T1/E1, 4-ports with integrated CSU/DSU - GPIM. Single GPIM slot.						✓			✓			Junos OS 9.5
SRX-GP-1DS3-E3	1-port clear channel DS3/E3 GPIM for SRX. Single GPIM slot.						✓			✓			Junos OS 10.2R1
SRX-GP-8SERIAL	8-port Sync Serial GPIM						✓			✓			Junos OS 12.1R2
SRX-GP-16GE	Ethernet Switch 16-port 10/100/1000BASE-T XPIM. Two slots high (double high) and one slot wide.							✓*	✓		✓	✓	Junos OS 9.5
SRX-GP-16GE-POE	POE Ethernet Switch 16-port 10/100/1000BASE-T XPIM. Supports up to 16 ports PoE. Two slots high (double high) and one slot wide.							✓*	✓		✓	✓	Junos OS 9.5
SRX-GP-2XE-SFPP-TX	2-port 10GbE SFP+ / 10GbE BASE-T Copper XPIM for SRX Series platforms.							✓**	✓		✓	✓	Junos OS 10.2 R2
SRX-GP-24GE	Ethernet switch 24-port 10/100/1000BASE-T XPIM. Includes 4 SFP slots. Supports 24 ports GbE. Two slots high (double high) and two slots wide (double wide).								✓*		✓*	✓*	Junos OS 9.5
SRX-GP-24GE-POE	PoE Ethernet switch 24-port 10/100/1000BASE-T XPIM. Includes 4 SFP slots. Supports up to 24 ports PoE. Two slots high (double high) and two slots wide (double wide).								✓*		✓*	✓*	Junos OS 9.5
AX411-XXX1	Dual radio, 802.11abgn access point.	✓	✓	✓	✓		✓			✓			Junos OS 10.0
3G USB Support		✓	✓										Junos OS 11.2R6.3
CX111-3G-BRIDGE Also supports 4G LTE	External Ethernet-based 3G/4G LTE bridge for terminating 3G/4G LTE wireless WAN data for SRX Series, J Series, and SSG Series platforms. Does not include 3G modem.	✓	✓	✓	✓		✓			✓			Junos OS 10.0
Number of fixed Ethernet ports		8 x 10/100 BASE-T	2 x 10/100/ 1000 BASE-T + 6 x 10/100 BASE-T	8 x 10/100/ 1000 BASE-T	16 x 10/100/ 1000 BASE-T	6 x 10/100/1000 + 4 1000BASE-X				4 x 10/100/ 1000BASE-T			

* Oversubscribed
**Only port 0 of the SRX-GP-2XE-SFPP-TX is active

Juniper Networks Services and Support

Juniper Networks is the leader in performance-enabling services that are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to maximize operational efficiency while reducing costs and minimizing risk, achieving a faster time to value for your network. Juniper Networks ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit **www.juniper.net/us/en/products-services**.

SRX210

SRX220

SRX240

SRX550

SRX650

About Juniper Networks

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