

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 when 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.

Juniper Networks® SRX210, SRX220, SRX240, 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 for Serial, ADSL, VDSL, G.SHDSL, DOCSIS3, SFP, T1, or E1 connectivity.
- SRX220 has two mini-PIM interface slots for Serial, ADSL, VDSL, G.SHDSL, DOCSIS3, SFP, T1, and E1 connectivity.
- SRX240 has four Mini-PIM interface slots for Serial, ADSL, VDSL, G.SHDSL, DOCSIS3, SFP, T1, or E1 connectivity.
- SRX650 has 8 modular interface slots supporting GPIM and XPIM interface slots in various configurations for T1, E1, Metro Ethernet, Gigabit Ethernet (including optional Power over Ethernet), and 10GbE connectivity.
- All eight SRX650 slots (#1-8) support the GPIM slots. In addition, slots #2 and 6 support the 16-, 24-port GbE or the 2-port 10GbE XPIM modules.

PART NUMBER	DESCRIPTION	MINIMUM JUNOS OS RELEASE	SUPPORTED PRODUCTS
MPIM			
SRX-MP-1ADSL2-A	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex A.	Junos OS 9.5	SRX210, SRX220, SRX240
SRX-MP-1ADSL2-B	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex B.	Junos OS 9.5	SRX210, SRX220, SRX240
SRX-MP-8GSHDSL	8-wire (4-pair) G.SHDSL Mini-PIM.	Junos OS 10.0	SRX210, SRX220, SRX240
SRX-MP-1VDLSL2-A	1-port VDSL2 Mini-PIM supporting Annex A, with fallback to ADSL2/ADSL2+.	Junos OS 10.1	SRX210, SRX220, SRX240
SRX-MP-1SERIAL	1-port Sync Serial Mini-PIM.	Junos OS 9.5	SRX210, SRX220, SRX240
SRX-MP-1SFP	1-port SFP Mini-PIM.	Junos OS 9.5	SRX210, SRX220, SRX240
SRX-MP-1T1E1	1-port T1/E1 Mini-PIM.	Junos OS 9.5	SRX210, SRX220, SRX240
SRX-MP-1DOCSIS3	1-port DOCSIS 3.0 Cable Modem Mini-PIM for SRX Series; backwards compatible with DOCSIS 2.0 and 1.1.	Junos OS 10.1	SRX210, SRX220, SRX240

PART NUMBER	DESCRIPTION	MINIMUM JUNOS OS RELEASE	SUPPORTED PRODUCTS
GPIM (1GbE Backplane)			
SRX-GP-DUAL-T1-EI	Dual T1/E1, 2-ports with integrated CSU/DSU - GPIM. Single GPIM slot.	Junos OS 9.5	SRX650
SRX-GP-QUAD-T1-EI	Quad T1/E1, 4-ports with integrated CSU/DSU - GPIM. Single GPIM slot.	Junos OS 9.5	SRX650
XPIM (10GbE Backplane)			
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	SRX650
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	SRX650
SRX-GP-2XE-SFP-TX	2-port 10GbE SFP+ / 10GbE BASE-T Copper XPIM for SRX Series platforms.	Junos OS 10.2 R2	SRX650
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	SRX650
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	SRX650
Other Modules and Accessories			
AX411-XXX ¹	Dual radio, 802.11abgn access point	Junos OS 10.0	SRX100 ² , SRX210, SRX220 ² , SRX240, SRX650
CX111-3G-BRIDGE	External Ethernet-based 3G bridge for terminating 3G wireless WAN data for SRX Series, J Series, and SSG Series platforms. Does not include 3G modem.	Junos OS 10.0	SRX100, SRX210, SRX220, SRX240, SRX650
EXPCD-3G-CDMA-V	CDMA/EV-DO ExpressCard for Verizon Wireless. For SRX Series and CX111 products. Ships with an external antenna.	Junos OS 9.6	SRX210
EXPCD-3G-CDMA-S	CDMA/EV-DO ExpressCard for Sprint. For SRX Series and CX111 products. Ships with an external antenna.	Junos OS 9.6	SRX210

¹See price list for country-specific AX411 SKUs

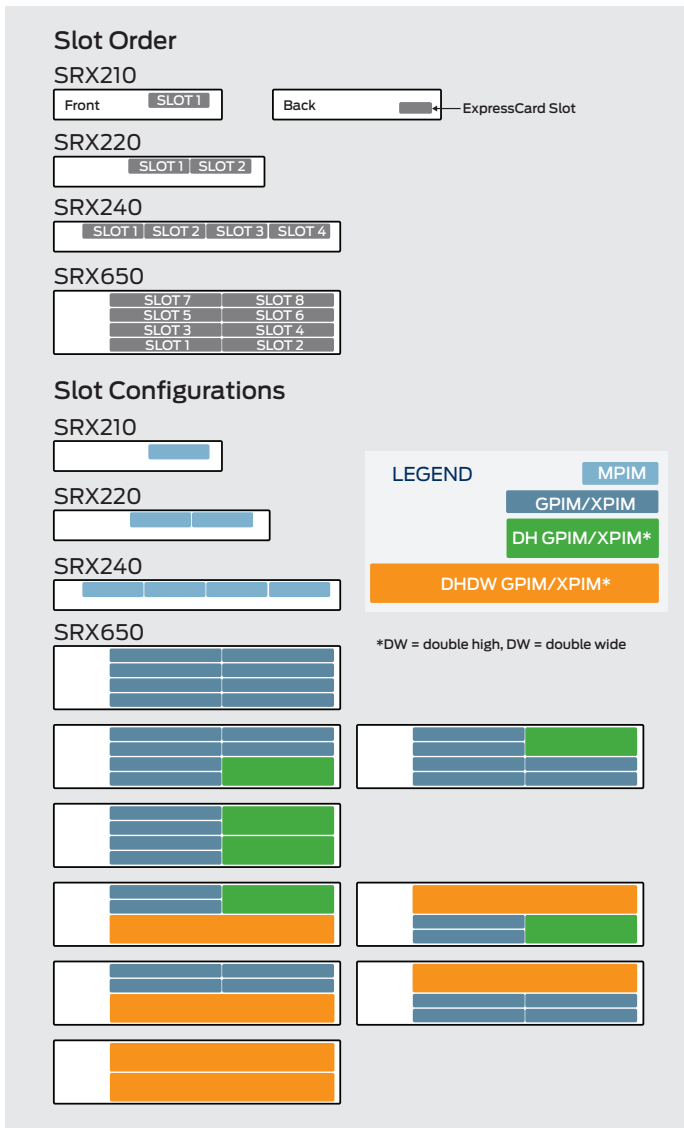
²Available 1H 2011

SRX Series for the Branch Interface Modules



Juniper Networks Services and Support

Juniper Networks is the leader in performance-enabling services and support, which are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to bring revenue-generating capabilities online faster so you can realize bigger productivity gains and faster rollouts of new business models and ventures. At the same time, Juniper Networks ensures operational excellence by optimizing your network to maintain required levels of performance, reliability, and availability. For more details, please visit www.juniper.net/us/en/products-services/.



Maximum Interfaces Supported

	SRX100	SRX210	SRX220	SRX240	SRX650
T1/E1	0	1	2	4	32
ADSL	0	1	2	4	0
G.SHDSL (8-Wire)	0	1	2	4	0
VDSL	0	1	2	4	0
Serial	0	1	2	4	0
SFP	0	1	2	4	8**
DOCSIS3	0	1	2	4	0
10/100	8	6	0	0	0
10/100/1000	0	2	8	20	52
10/100/1000 PoE	0	2 (50 W max)	8 (120 W max)	16 (150 W max)	48 (494 W max)
10GbE SFP+/ Copper	0	0	0	0	4
3G ExpressCard	0	1	0	0	0
3G Bridge CX111	Yes	Yes	Yes	Yes	Yes
WLAN AP AX411	2*	4	8*	8	16

*Available 1H 2011

**4-port SFP on 24-port 10/100/1000 XPIM switch module

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.

Figure 1: SRX Series for the branch PIM configurations

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