

# 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. The SRX210, SRX240, and SRX650 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.
- 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 10 Gigabit Ethernet 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 10 GE XPIM modules.

PART NUMBER	DESCRIPTION	MINIMUM JUNOS OS RELEASE	SUPPORTED PRODUCTS
<b>MPIM</b>			
SRX-MP-1ADSL2-A	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex A	Junos OS 9.5	SRX210, SRX240
SRX-MP-1ADSL2-B	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ADSL2+ Annex B	Junos OS 9.5	SRX210, SRX240
SRX-MP-8GSHDSL	8-wire (4-pair) G.SHDSL Mini-PIM	Junos OS 10.0	SRX210, SRX240
SRX-MP-1VDSL2-A	1-port VDSL2 Mini-PIM supporting Annex A, with fallback to ADSL2/ADSL2+	Junos OS 10.1	SRX210, SRX240
SRX-MP-1SERIAL	1-port Sync Serial Mini-PIM	Junos OS 9.5	SRX210, SRX240
SRX-MP-1SFP	1-port SFP Mini-PIM	Junos OS 9.5	SRX210, SRX240
SRX-MP-1T1E1	1-port T1/E1 Mini-PIM	Junos OS 9.5	SRX210, 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, SRX240
<b>GPIM (1GE Backplane)</b>			
SRX-GP-DUAL-T1-E1	Dual T1/E1, 2-ports with integrated CSU/DSU - GPIM. Single GPIM Slot.	Junos OS 9.5	SRX650
SRX-GP-QUAD-T1-E1	Quad T1/E1, 4-ports with integrated CSU/DSU - GPIM. Single GPIM Slot.	Junos OS 9.5	SRX650
<b>XPIM (10GE Backplane)</b>			
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-SFPP-TX	2-port 10GbE SFP+ / 10G Base-T Copper XPIM for SRX Platforms	Junos 10.2R2	SRX650

PART NUMBER	DESCRIPTION	MINIMUM JUNOS OS RELEASE	SUPPORTED PRODUCTS
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 <sup>1</sup>	Dual radio, 802.11abgn access point	Junos OS 10.0	SRX100 <sup>2</sup> , SRX210, 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, 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

<sup>1</sup>See price list for country-specific AX411 SKUs

<sup>2</sup>Available 2H 2010

## 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/](http://www.juniper.net/us/en/products-services/).

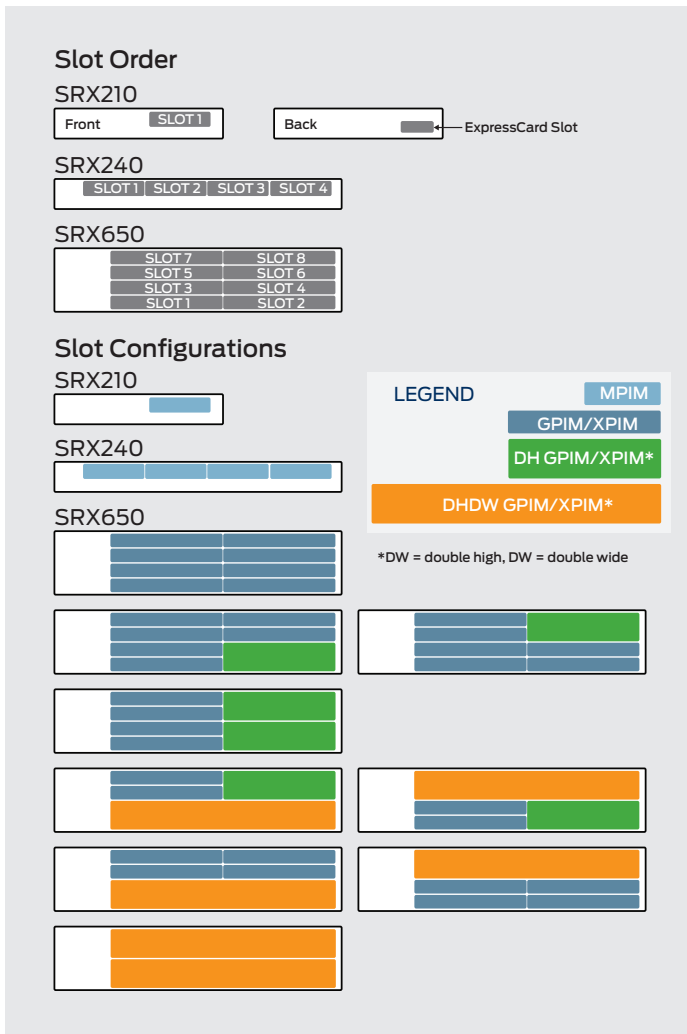


Figure 1: SRX Series for the branch PIM configurations

### Maximum Interfaces Supported

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

\* Available 2H 2010

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

### About Juniper Networks

Juniper Networks, Inc. is the leader in high-performance networking. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network. This fuels high-performance businesses. Additional information can be found at [www.juniper.net](http://www.juniper.net).

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