

PHYSICAL INTERFACE MODULE (PIM) COMPATIBILITY MATRIX FOR J SERIES ROUTERS AND SSG SERIES SECURE SERVICES GATEWAYS

Juniper Networks offers customers a variety of choices when connecting remote, branch, and regional offices to the corporate network, including the Juniper Networks® J Series Services Routers and Juniper Networks SSG Series Secure Services Gateways. Both of

these product portfolios offer support for a variety of physical interface modules (PIMs) including T1, E1, FE, Serial, DS3, E3, ADSL, G.SHDSL, ISDN BRI, and enhanced Ethernet connectivity.

Table 1: WAN PIM, Platform, and Software Compatibility

WAN PIMS	DESCRIPTION	MINIMUM JUNOS® SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
JX-2CT1E1-RJ45-S	2xChannelized T1/E1 PIM	JUNOS 8.4	JUNOS 8.1	JUNOS 8.1	JUNOS 8.1	JUNOS 8.1	N/A	N/A	N/A
JX-2T1-RJ48-S	2xT1 PIM	JUNOS 8.4	JUNOS 7.0*	JUNOS 8.0	JUNOS 7.0*	JUNOS 8.0	ScreenOS 5.4	ScreenOS 6.0r2	ScreenOS 5.1
JX-2E1-RJ48-S	2xE1 PIM	JUNOS 8.4	JUNOS 7.0*	JUNOS 8.0	JUNOS 7.0*	JUNOS 8.0	ScreenOS 5.4	ScreenOS 6.0r2	ScreenOS 5.1
JX-2Serial-S	2xSerial PIM	JUNOS 8.4	JUNOS 7.0*	JUNOS 8.0	JUNOS 7.0*	JUNOS 8.0	ScreenOS 5.4	ScreenOS 6.0r2	ScreenOS 5.1
JX-1DS3-S	1xDS3 PIM	N/A	N/A	JUNOS 8.0	JUNOS 7.0	JUNOS 8.0	N/A	N/A	ScreenOS 5.1
JX-1ADSL-A-S	1xADSL Annex A PIM	JUNOS 8.4	JUNOS 7.2	JUNOS 8.0	JUNOS 7.2	JUNOS 8.0	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0
JX-1ADSL-B-S	1xADSL Annex B PIM	JUNOS 8.4	JUNOS 7.2	JUNOS 8.0	JUNOS 7.2	JUNOS 8.0	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0
JX-1E3-S	1xE3 PIM	N/A	N/A	JUNOS 8.0	JUNOS 7.3	JUNOS 8.0	N/A	N/A	ScreenOS 6.0
JX-4BRI-S-S	4xISDN BRI - S Interface	JUNOS 8.4	JUNOS 7.3	JUNOS 8.0	JUNOS 7.3	JUNOS 8.0	N/A	N/A	N/A
JX-4BRI-U-S	4xISDN BRI - U Interface	JUNOS 8.4	JUNOS 7.3	JUNOS 8.0	JUNOS 7.3	JUNOS 8.0	N/A	N/A	N/A
JX-1BRI-ST-S	1xISDN BRI - S Interface	N/A	N/A	N/A	N/A	N/A	ScreenOS 5.4	N/A	N/A
JX-2SHDSL-S	2x2-wire/1x4-wire G.SHDSL Interface	JUNOS 8.4	JUNOS 7.4	JUNOS 8.0	JUNOS 7.4	JUNOS 8.0	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0

* JUNOS 7.6 recommended because duallicense is included at no extra charge

Table 2: Ethernet PIM, Platform, and Software Compatibility

ETHERNET PIMS	DESCRIPTION	MINIMUM JUNOS SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
JX-2FE-TX-S	2xFE PIM	N/A	JUNOS 7.0	JUNOS 8.0	JUNOS 7.0	JUNOS 8.0	N/A	N/A	N/A

Table 3: Enhanced Ethernet PIM, Platform, and Software Compatibility

ENHANCED ETHERNET PIMS	DESCRIPTION	MINIMUM JUNOS SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
JXE-1GE-TX-S	1xGigabit Copper EPIM	N/A	N/A	JUNOS 8.0	N/A	JUNOS 8.0	N/A	N/A	ScreenOS 5.1
JXE-1GE-SFP-S	1xGigabit SFP EPIM	N/A	N/A	JUNOS 8.0	N/A	JUNOS 8.0	N/A	N/A	ScreenOS 5.1
JXE-4FE-TX-S	4xFE EPIM	N/A	N/A	JUNOS 8.0	N/A	JUNOS 8.0	N/A	N/A	ScreenOS 5.1

Table 4: Avaya Telephony Gateway Modules and Telephony Interface Modules

UNIVERSAL ETHERNET PIMS	DESCRIPTION	MINIMUM JUNOS SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
JXU-1GE-SFP-S	1-port SFP 100/1000 Ethernet Universal PIM, SFPs are sold separately	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	ScreenOS 6.1	ScreenOS 6.1	ScreenOS 6.1
JXU-6GE-TX-S	6-port SFP Gigabit Ethernet Universal Copper Universal PIM	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.3	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0
JXU-8GE-TX-S	8-port Gigabit Ethernet 10/100/1000 Copper Universal PIM	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.3	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0
JXU-16GE-TX-S	16-port Gigabit Ethernet 10/100/1000 Copper Universal PIM	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.3	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0

Table 5: Integrated Services Modules PIM

AVAYA PART NUMBER	DESCRIPTION	MINIMUM JUNOS SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
JX-ISM-200-WXC	ISM200 Integrated Services Module	JUNOS 8.5ESr2	N/A	JUNOS 8.5ESr2	N/A	JUNOS 8.5ESr2	N/A	N/A	N/A

Table 6: Avaya Telephony Gateway Modules and Telephony Interface Modules

AVAYA PART NUMBER	DESCRIPTION	MINIMUM JUNOS SOFTWARE RELEASE					MINIMUM SCREENOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG140	SSG320M/ SSG350M	SSG520M/ SSG550M
700406978	TGM550 - Media Gateway Module	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.2	N/A	N/A	N/A
700396138	TIM510 T1/E1 Media Module	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.2	N/A	N/A	N/A
700396146	TIM514 Analog 4+4 Media Module	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.2	N/A	N/A	N/A
700396153	TIM 521 BRI Media Module	JUNOS 8.4	N/A	JUNOS 8.2	N/A	JUNOS 8.2	N/A	N/A	N/A
700436645	TGM550-20 Media Gateway Module	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	N/A	N/A	N/A
700436652	TGM550-10 Media Gateway Module	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	N/A	N/A	N/A
700426786	TIM508 Analog 8FXS Media Module	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	N/A	N/A	N/A
700426794	TIM516 Analog 16FXS Media Module	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	N/A	N/A	N/A
700426786	TIM518 Analog 8FXS+8FX0 Media Module	JUNOS 8.4	N/A	JUNOS 8.4	N/A	JUNOS 8.4	N/A	N/A	N/A

*Avaya Telephony Gateway Modules and Telephony Interface Modules are available through Avaya resellers and partners.

Table 7: Mini PIM, Platform, and Software Compatibility

MINI PIMS	DESCRIPTION	MINIMUM SCREENOS SSG20
JXM-1T1-S	1xT1 Mini-PIM	ScreenOS 5.4
JXM-1E1-S	1xE1 Mini-PIM	ScreenOS 5.4
JXM-1ADSL2-A-S	1xADSL2+ Annex A Mini-PIM	ScreenOS 5.4
JXM-1ADSL2-B-S	1xADSL2+ Annex B Mini-PIM	ScreenOS 5.4
JXM-1V92-S	1xV.92 Mini-PIM	ScreenOS 5.4
JXM-1BRI-ST-S	1xISDN S/T BRI Mini-PIM	ScreenOS 5.4
JXM-1SERIAL-S	1xSerial Mini-PIM	ScreenOS 6.0
JXM-1SFP-S	1xSFP Mini-PIM	ScreenOS 6.0

Performance-Enabling 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, faster rollouts of new business models and ventures, and greater market reach, while generating higher levels of customer satisfaction. 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/products-services.

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.



Tel North: 0151 2031400 Tel South: 0118 9071600
Email: Info@castleforce.com Web: www.castleforce.com