



Physical Interface Module (PIM) Compatibility Matrix for J-series Routers and Secure Services Gateways (SSG)

Juniper Networks offers customers a variety of choices when connecting remote, branch, and regional offices to the corporate network, including J-series routers and SSG Family security appliances. 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					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
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					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
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					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
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 – Universal Ethernet PIM, Platform, and Software Compatibility

Universal Ethernet PIMs	Description	Minimum JUNOS					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
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 8.3	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 8.3	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 8.3	N/A	JUNOS 8.3	ScreenOS 6.0	ScreenOS 6.0r2	ScreenOS 6.0

Table 5 – Integrated Services Modules PIM

Integrated Service Module PIM	Description	Minimum JUNOS					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
JX-ISM-200-WXC	WXC Integrated Services Module 200	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					Minimum ScreenOS		
		J2320/J2350	J4300	J4350	J6300	J6350	SSG 140	SSG 320M/350M	SSG 520M/550M
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+8FXO 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 SSG 20
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

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