

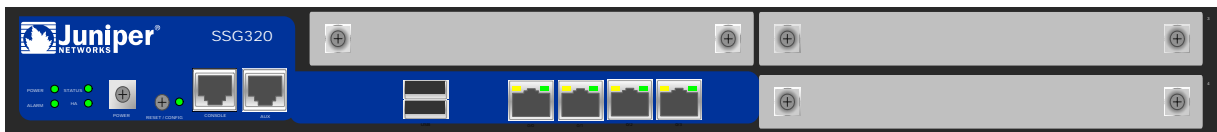
Frequently Asked Questions

General Questions

Q. What is being released?

A. Juniper is introducing two new SSG models: the SSG 320M and SSG 350M, and two new J-series models: the J2320 and J2350. These four models are comprised of two new hardware platforms where the SSG models run ScreenOS and the J-series models run JUNOS.

SSG 320M and J2320



The SSG 320M and J2320 offer the following:

- 1 RU high, full rack width, 15” Depth
- Three modular PIM slots
- 4-ports 10/100/1000 Ethernet
- Avaya IP Telephony Support (JUNOS only)
- Optional Encryption Card (standard on SSG 300 Series)
- USB, compact flash, Console, AUX
- 400 Mbps firewall, 175 Mbps VPN performance (IMIX)

SSG 350M and J2350



The SSG 350M and J2350 offer the following:

- 1.5 RU high, full rack width, 15” D
- Five modular PIM slots
- 4-ports 10/100/1000 Ethernet
- Avaya IP Telephony Support (JUNOS only)
- DC Power supply option

- NEBS compliant models available
- Optional Encryption Card (standard on SSG 350M)
- USB, compact flash, Console, AUX
- 500 Mbps firewall, 225 Mbps VPN performance (IMIX)

Q. How is the secondary compact flash slot used?

A. The secondary compact flash can be used as additional storage in JUNOS. ScreenOS does not support the secondary compact flash.

Q. Do these platforms support Enhanced Physical Interface Modules (ePIMS)?

A. No, these platforms do not have ePIM slots and do not support the ePIMS. These platforms do support PIMs and Universal PIMs.

Q. Why is Juniper releasing these products?

A: The SSG 320M and SSG 350M are being introduced to complete the SSG product line, providing customers two new price and performance points between the SSG 140 and SSG 520M.

The J2320 and J2350 are being introduced to bring modularity, high-performance and services integration to small- to medium-size branch locations in the network.

Q. What is the timeline for this product release (internal announcement, partner announcement, external announcement, orderability, FRS)?

A. Here are the projected dates. These dates are subject to change without notice.

Product	Open Books	Beta Start	Price List	FRS	Available Distri
SSG 320M and J2320	July 16, 2007	May 16, 2007	August 2007	Aug 15, 2007	Sep 2007
SSG 350M and J2350	July 16, 2007	May 16, 2007	August 2007	Aug 30, 2007	Sep 2007
Multi-port Ethernet Modules	Now open	Complete	March 2007	May/June 2007	June 2007
SSG 20 SFP and serial	Now open	Complete	April 2007	May 2007	June 2007
Extended WAN for SSG	Now open	Complete	Now	Done	Now
Avaya Telephony	N/A	N/A	N/A (Avaya only)	Sep 2007	Sep 2007

Modules

NSM 2007.2	July 15, 2007	June 8, 2007	August 2007	July 31, 2007	Aug 15, 2007
NSM Xpress	July 15, 2007	June 8, 2007	August 2007	Aug 14, 2007	Aug 15, 2007

Q. Do these products support NEBS?

A. The SSG 350M and J2350 will have NEBS versions available in Q4 2007.

Q. What are the default and maximum flash and DRAM configurations?

A. The SSG 320M, SSG 350M, J2320, and J2350 come standard with 256 MB of DRAM and are upgradeable to 1 GB.

SSG-specific questions

Q: Which ScreenOS release will support the SSG 320M and SSG 350M

A: ScreenOS 6.0 r2 and later ScreenOS releases will support the SSG 320M and SSG 350M

Q: What is the target customer/deployment location?

A: The SSG 320M and SSG 350M are targeted at enterprise, retail, healthcare, education, and government customers with remote sites (offices, stores, clinics, campuses) that require up to 400 and 500 Mbps firewall performance for real-world traffic.

Q: What are the typical deployment scenarios for the SSG 320M and SSG 350M?

A: The two most common deployments are:

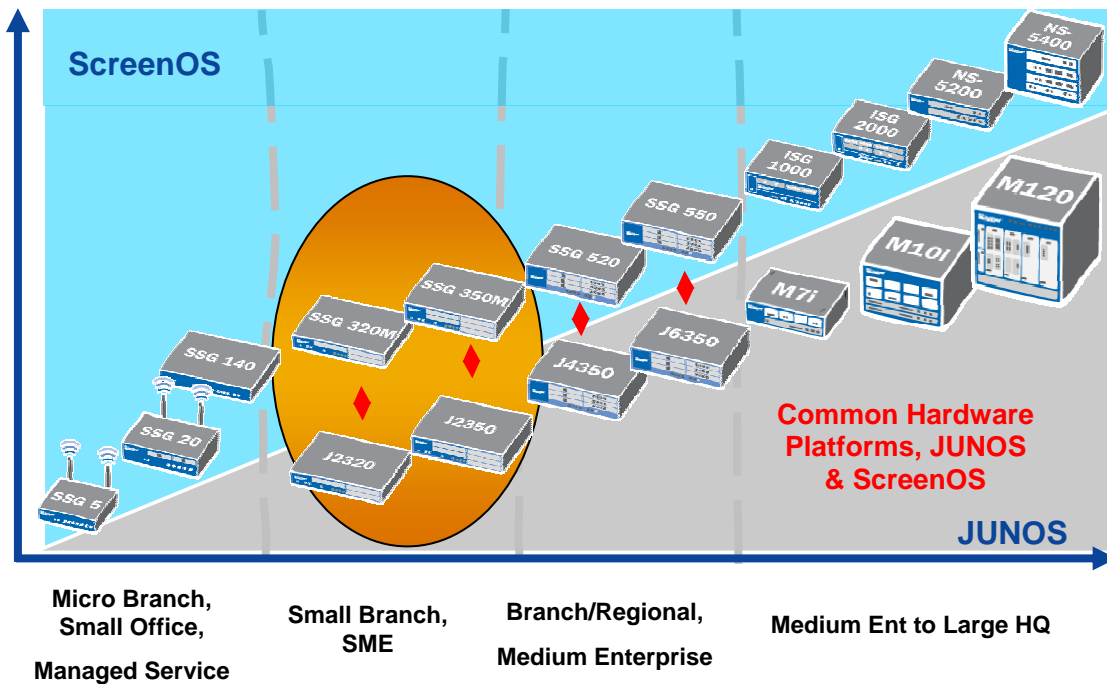
- As a firewall/security device—Providing the security, networking and performance capabilities needed for medium enterprise and branch/regional office environments
- As a security router—In addition to security deployments, can also replace the WAN router, providing all-in-one device without compromise of functionality (security or WAN)

Q: What is the approximate office size these products target?

A: There is no general rule to determine the office size suitable for these products. Security product choices should be based on customers' firewall and VPN performance requirements.

Q. How do the SSG 320M and SSG 350M fit into the SSG product portfolio?

A. The SSG 320M and SSG 350M fit into the portfolio between the SSG 140 and the SSG 520M.



Q: Will the SSG 320M and SSG 350M offer Active/Active and Active/Passive failover?

A: Yes, these platforms will support full A/A and A/P failover, as does the rest of the SSG product line.

Q: Will the SSG 320M and SSG 350M offer full UTM?

A: UTM security features are available on the SSG 320M and ASSG 350M and include:

- Stateful inspection firewall to control who and what has access to the network
- IPS (Deep Inspection firewall) to stop application level attacks
- Antivirus (includes IM scanning, Anti-Phishing, Anti-Spyware, Anti-Adware) to stop viruses, Trojans and other malware
- Anti-Spam to block known spammers and phishers
- Web filtering to control access to know malicious download sites or other inappropriate web content
- Site-to-site IPSec VPN to establish secure communications between offices
- Denial of service (DoS) mitigation capabilities
- Application Layer Gateways for H.323, SIP and MGCP to inspect and protect VoIP traffic

To see how key UTM security features can stop inbound and outbound threats, check out the solution brief located here: More details can be found in here:

<http://www.juniper.net/solutions/literature/solutionbriefs/351202.pdf>

Q: Will these models support integrated wireless LANs?

A: Wireless functionality is only available on the SSG 5 and SSG 20 products within the SSG product line.

Q: Which competitors’ products will the SSG 320M and SSG 350M target?

A: The primary competitors are Cisco, Fortinet, Checkpoint and Nokia.

	SSG 5	SSG 20	SSG 140	SSG 320M	SSG 350M	SSG 520M	SSG 550M
Cisco FW	ASA 5505 PIX 501/506	ASA 5505 PIX 501/506	ASA 5510 PIX 515	ASA 5510 PIX 515/525	ASA 5520 PIX 525	ASA 5520 PIX 525	ASA 5540 PIX 535
Cisco Routers (ISR)	871	871 1841	2801/2811	2811/2821	2821/2851	2851	3845
Fortinet	FG50B FG60	FG60 FG100A	FG200A FG224B	FG200A FG224B	FG300A FG400A	FG300A FG400A FG500A	FG500A FG800
Check Point	VPN1 Edge Safe@office	VPN1 Edge Safe@office	N/A	N/A	N/A	UTM-1 450	UTM-1 1050
Nokia	IP45	IP45	IP260/265	IP260/265	IP350/355	IP350/355	IP290/390

Q: Why do these products have an “M” designation?

A The SSG 320M and SSG350M are capable of running “Multiple” operating systems; i.e., ScreenOS 6.0.r2 or JUNOS 8.4. When running ScreenOS, they are considered SSG products. If they are converted to JUNOS, they become J2320 and J2350 respectively.

Q: Will these products support Avaya telephony modules?

A: Although the SSG 320M and SSG350 hardware includes a voice-enabled backplane, ScreenOS does not support the Avaya IG550 telephony modules. If converted to JUNOS, making them J2320 or J2350, these products will offer full support for the Avaya modules.

Q: Can an SSG 320M and SSG 350M be converted to a J2320 and J2350 respectively?

A: Yes. By converting the operating system from ScreenOS 6.0r2 to JUNOS 8.4, the SSG 320M and SSG 350M become J2320 and J2350 respectively.

Q: What does the OS conversion include?

A: The ScreenOS to JUNOS conversion kit gives the customer JUNOS on a compact flash card. The flash needs to be installed, replacing the existing flash. A “J2320” or “J2350” face-plate sticker is also included.

Q: Can my customer swap back and forth between JUNOS and ScreenOS?

A: The conversion is one-time-only

Q: Can any of the ScreenOS or JUNOS licenses be transferred?

A: Both platforms support Firewall, IPSec VPN and routing as standard features. None of the licensable ScreenOS features (AV, Anti-Spam, IPS, Web Filtering) are transferable to JUNOS. Of the licensable JUNOS features such as Route Reflector and JFlow, none are transferable to ScreenOS.

Q: Will NSM support the SSG 320M and SSG 350M?

A: Yes, NSM will support these products just as it currently supports the rest of the SSG product line.

Q: Do these products support both AC and DC power supplies?

A: The SSG 320M is AC only. The SSG 350M is available with an optional DC power supply.

Q. Are there any new WAN interfaces supported in the SSG?

A. ScreenOS 6.0 adds support for the following WAN interfaces on the SSG 140, SSG 320M, SSG 350M, SSG 520M and SSG 550M:

- 1-port ADSL 2/2+ PIM
- 1-port G.SHDSL PIM
- 1-port E3 (SSG 500 series only)

The SSG-20 also has new WAN interfaces which are supported in ScreenOS 6.0

- 1-port serial mini-PIM
- 1-port SFP 10/100 Ethernet mini-PIM

Q. Which existing PIMs are supported in the SSG 320M and SSG 350M?

A. The following PIMs and universal PIMs are supported.

PIMs

- 2-port T1
- 2-port E1
- 2-port serial
- 1-port ADSL 2/2+
- 1-port G.SHDSL

Universal PIMs

- 1-port SFP 10/100 Ethernet
- 6-port SFP Gigabit Ethernet
- 8-port 10/100/1000 Ethernet
- 16-port 10/100/1000 Ethernet

J-series-specific questions

Q. Which JUNOS release will support the J2320 and J2350?

A. The J2320 and J2350 are supported in 8.4 and later versions of JUNOS.

Q. What is the target customer/deployment location?

A. The J2320 and J2350 are suitable for leading-edge routing features and full services integration for small- to medium-size branch locations in the network. The J-series offers integrated best-in-class routing together with security (stateful firewall, NAT, encrypted VPNs, and access control lists), Ethernet switching, and integrated IP telephony.

Q. What is a typical deployment scenario?

A. The J-series is typically used to provide secure connectivity with services integration for branch and remote locations in the network.

Q. What is the approximate branch size these products target?

A. Actual sizing depends on the traffic profile at the remote location, the services required and the interface configuration. As a rough rule-of-thumb, the J2320 and J2350 are suitable for locations with 25-100 users.

Q. How do the J2320 and J2350 fit into the J-series product portfolio?

A. The J2320 and J2350 will become the new low end of the J-series product portfolio. Juniper expects to make the announcement for the end-of-sale of the existing J2300 by the end of 2007.

Q. Will these products support Avaya telephony modules?

A. Yes, the J2320 and J2350 support the IG550 Media Gateway and Telephony Interface Modules. Be sure to verify that your particular configuration fits within the power and cooling budget of the J-series. See the [PIM Heat and Power Calculator for SSG and J-series Platforms](#) for more details.

Q. Which interface modules will these product support?

A. The following PIMs and uPIMS are supported on the J2320 and J2350 in JUNOS 8.4.

PIMs

- 2-port channelized T1/E1
- 2-port T1
- 2-port E1
- 2-port serial
- 1-port ADSL 2/2+
- 1-port G.SHDSL
- 1-port ISDN BRI
- 4-port ISDN BRI

Universal PIMs

- 1-port SFP 10/100 Ethernet
- 6-port SFP Gigabit Ethernet
- 8-port 10/100/1000 Ethernet
- 16-port 10/100/1000 Ethernet

Telephony Modules (available through Avaya partners and resellers)

- IG 550 Media Gateway
- 1-port T1
- 4-port ISDN BRI
- 4-port FXS plus 4-port FXO
- 12-port FXS plus 4-port FXO

Q. Will the J2300 be end-of-lifed?

A. Juniper intends to announce the end-of-sale and end-of life of the existing J2300 models approximately six months after the introduction of the J2320 and J2350.

Q. Which competitors' products will these target?

A. The J2320 provides double the performance of the Cisco 2811 Integrated Services Router at the same price. The J2350 offers double the performance of the Cisco 2821 Integrated Services Router at a lower price.

In addition, the Cisco ISR typically has much higher configured prices. Basic security features such as stateful firewall require an additional upgrade. Cisco pricing for interfaces such as Ethernet and multiple T1/E1 is much higher than the equivalent Juniper interfaces.

Q. Can a J2320 and J2350 be converted to an SSG 320M and SSG 350M respectively?

A. Yes, the products can be converted to run ScreenOS by using the appropriate conversion kit.

Q. How are these products managed?

A. The J2320 and J2350 are managed via the normal JUNOS management offerings: JWEB, JUNOScope and CLI.

Q. Will NSM support the J2320 and J2350?

A. There is no NSM support for the J-series at this time.

Q. Do these products support both AC and DC power supplies?

A. The J2350 is available with either AC or DC power. The J2320 is available with AC power only.