

## Juniper Networks J-Brief: J-Series

Juniper Networks J-series Routers provide up to Gigabit Ethernet performance for enterprise remote, branch and regional offices. They support IP telephony using the Avaya IG550 Media Gateway and run modular JUNOS software which offers many advanced services (MPLS, IPv6, QoS, multicast, etc) and security (stateful firewall and IPSec VPN) at no extra charge. J-series routers are forward-looking platforms with performance headroom and extensible memory to meet future demands, and provide unmatched reliability, performance and value for the enterprise. This product line includes the J2320, J2350, J4350, and J6350 Services Routers.

### Key Features & Benefits

#### Unmatched Performance with Services

- J-series routers maintain performance even when advanced services such as network address translation, access control lists, and stateful firewall are enabled
- Modular JUNOS defends against infrastructure attacks, such as DDOS, by fully protecting the processing resources and ensuring complete router control

#### Extensive Connectivity Options

- Vast selection of modular LAN and WAN connectivity options including Gigabit Ethernet, T1/E1, Serial, DS3, E3, ISDN, ADSL2+, and G.SHDSL Physical Interface Modules (PIMs)
- Four on-board Gigabit Ethernet ports standard

#### Avaya IP Telephony

- The J-series supports IP telephony with Avaya's IG550 Media Gateway modules and analog, digital, and ISDN telephony interface modules provides best-in-class integrated branch office voice solution for centralized call processing deployments
- Comprehensive QoS functions classify, prioritize, and schedule traffic for applications such as VoIP

#### Best Price to Performance

- Up to 2 times the performance and up to 30% savings over comparable Cisco ISR platforms



Product	When to Sell
J-series Platforms – Common Opportunities	The J-series is an ideal solution for enterprises, government, education and research organizations that require: <ul style="list-style-type: none"> <li>• Branch office Gigabit Ethernet LAN or Metro Ethernet connectivity</li> <li>• An integrated router and media gateway that provides predictable/high performance</li> <li>• An alternative to Cisco ISR platforms</li> </ul>
J2320	The J2320 is the recommended for customers replacing/upgrading an existing legacy router (i.e. Cisco 26xx or 28xx), requiring WAN capacity of multiple T1/E1, Serial, DSL or Metro Ethernet. The J2320 offers 400 Mbps forwarding with stateful firewall and 175 Mbps IPSec (with optional hardware encryption acceleration)
J2350	The J2320 is the recommended for customers replacing/upgrading an existing legacy router (i.e. Cisco 26xx or 28xx), requiring WAN capacity of multiple T1/E1, Serial, DSL or Metro Ethernet. The J2350 offers 500 Mbps forwarding with stateful firewall and 225 Mbps IPSec (with optional hardware encryption acceleration).
J4350	The J4350 is recommended for customers replacing/upgrading an existing legacy router (i.e. Cisco 26xx, 28xx, or 36xx), requiring a maximum WAN capacity of 1xDS3/E3, two EPIM-compatible slots, 600 Mbps forwarding with stateful firewall and NAT, and 300 Mbps IPSec (with optional hardware encryption acceleration).
J6350	The J6350 is recommended for customers replacing/upgrading an existing legacy router (i.e. Cisco 36xx, 37xx or 38xx), requiring a maximum WAN capacity of 2xDS3/E3, four EPIM-compatible slots, 1Gbps forwarding with stateful firewall and NAT, and 500 Mbps IPSec (hardware encryption acceleration is standard on the J6350).
J-series plus Secure	The J-series together with the Juniper SSG 500 series is the recommended solution for customers requiring separate routing and security devices in the branch. For

Services Gateways	more information on Juniper Secure Services Gateways, please visit <a href="https://www.juniper.net/partners/partner_center/">https://www.juniper.net/partners/partner_center/</a>
Secure Services Gateways	The Juniper SSG 500 series is the recommended solution for customers that require WAN connectivity and strong security integrated in a single device. For more information on Juniper Secure Services Gateways, please visit <a href="https://www.juniper.net/partners/partner_center/">https://www.juniper.net/partners/partner_center/</a>

### J-series vs. Cisco ISR Price Comparison

Juniper Networks J-Series routers deliver proven functionality and many key features such as stateful firewall, IPSec VPN, IPv6, and MPLS, at a price that is up to 30% lower than the Cisco ISR family of products. Juniper J-series products in the following table are configured with JUNOS 8.0 which includes stateful firewall, IPSec, MPLS, and IPv6 and does not require licenses for these features. Cisco products in this table are configured with either IP Base, Advanced Security, or Advanced IP Services feature sets.

Target WAN Speed	Model	Base List Price	Firewall and IPSec VPN	IPv6, MPLS, Firewall and IPSec VPN
1 x T1/E1	J2300	\$1,995	\$1,995	\$1,995
	Cisco 1841	\$2,395	\$3,495	\$3,995 <sup>1</sup>
2 x T1/E1	J2320 <sup>2</sup>	\$3,500	\$5,000	\$5,000
	Cisco 2811	\$4,495	\$5,395	\$6,095
4 x T1/E1	J2350 <sup>3</sup>	\$5,500	\$7,000	\$7,000
	Cisco 2821	\$7,895	\$8,795	\$9,495
6 x T1/E1	J4350 <sup>4</sup>	\$8,000	\$9,500	\$9,500
	Cisco 2851	\$12,496	\$13,395	\$14,095
1 x DS3/E3	J4350	\$12,500	\$15,000	\$15,000
	Cisco 3845	\$21,500	\$22,895	\$23,895
2 x DS3/E3	J6350	\$27,500	\$27,500	\$27,500
	Cisco 7206 w/ NPE-G2	\$36,500	\$43,000	\$45,500

<sup>1</sup> Cisco does not support MPLS on the 1800 Series

<sup>2</sup> J2320 base list price is for J2320-JB-SC. The configurations with IPSec VPN include J2320-JH which includes hardware encryption and 1 GB memory.

<sup>3</sup> J2350 base list price is for J2350-JB-SC. The IPSec VPN configurations include J2350-JH which includes hardware encryption and 1 GB memory.

<sup>4</sup> J4350 base list price is for J-4350-JB-SC. The Firewall and IPSec VPN and IPv6, MPLS, Firewall and IPSec VPN configurations include J-4350-JB which includes hardware encryption and 1 GB memory.