



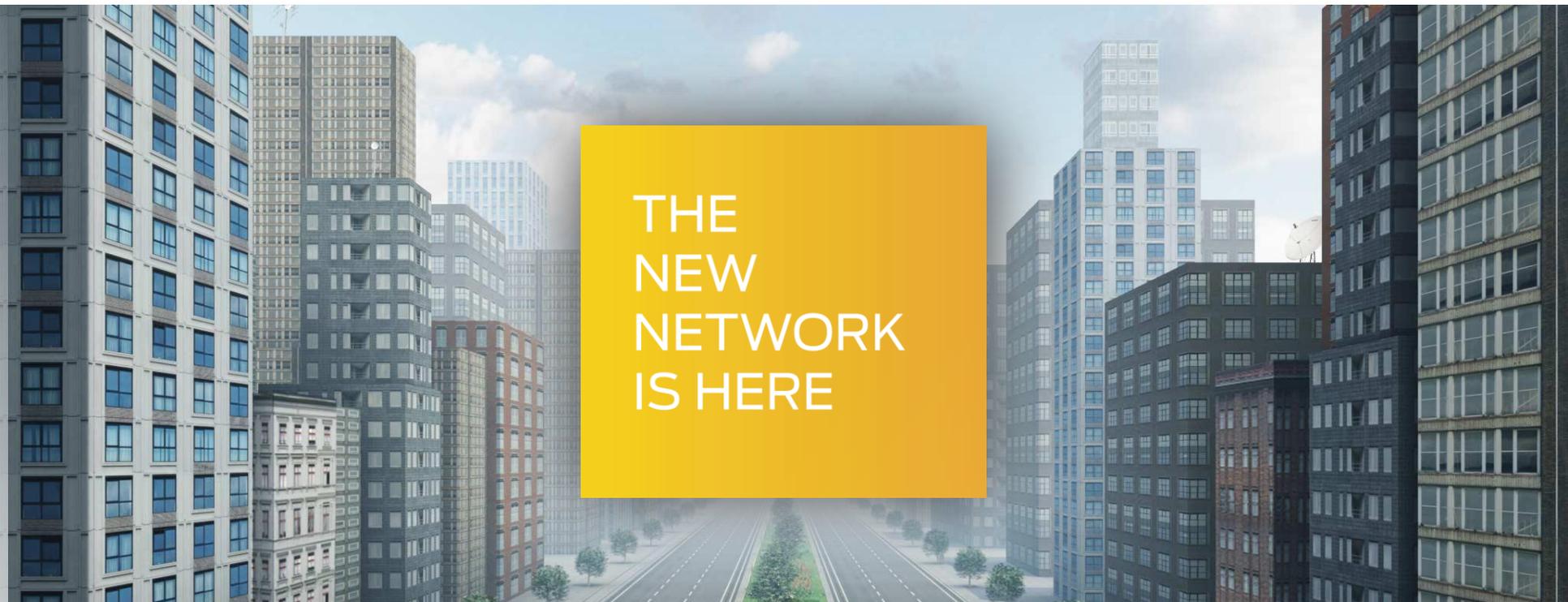
JUNIPER PRODUCT UPDATE

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Stallion Winter Seminar 13.2.2010



SETTING THE AGENDA FOR THE NEXT DECADE



THE
NEW
NETWORK
IS HERE

JUNIPER NETWORKS IS TRANSFORMING THE
EXPERIENCE AND ECONOMICS OF NETWORKING

JUNIPER NETWORKS: LEADER IN HIGH-PERFORMANCE NETWORKING

TOP 100 SERVICE PROVIDERS



FORTUNE 100 ENTERPRISES



PUBLIC SECTOR

GOVERNMENT



BEST IN CHOICE



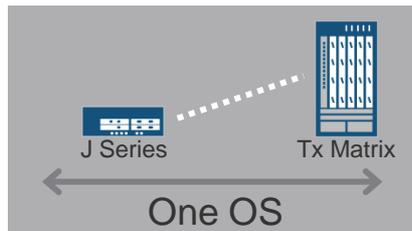
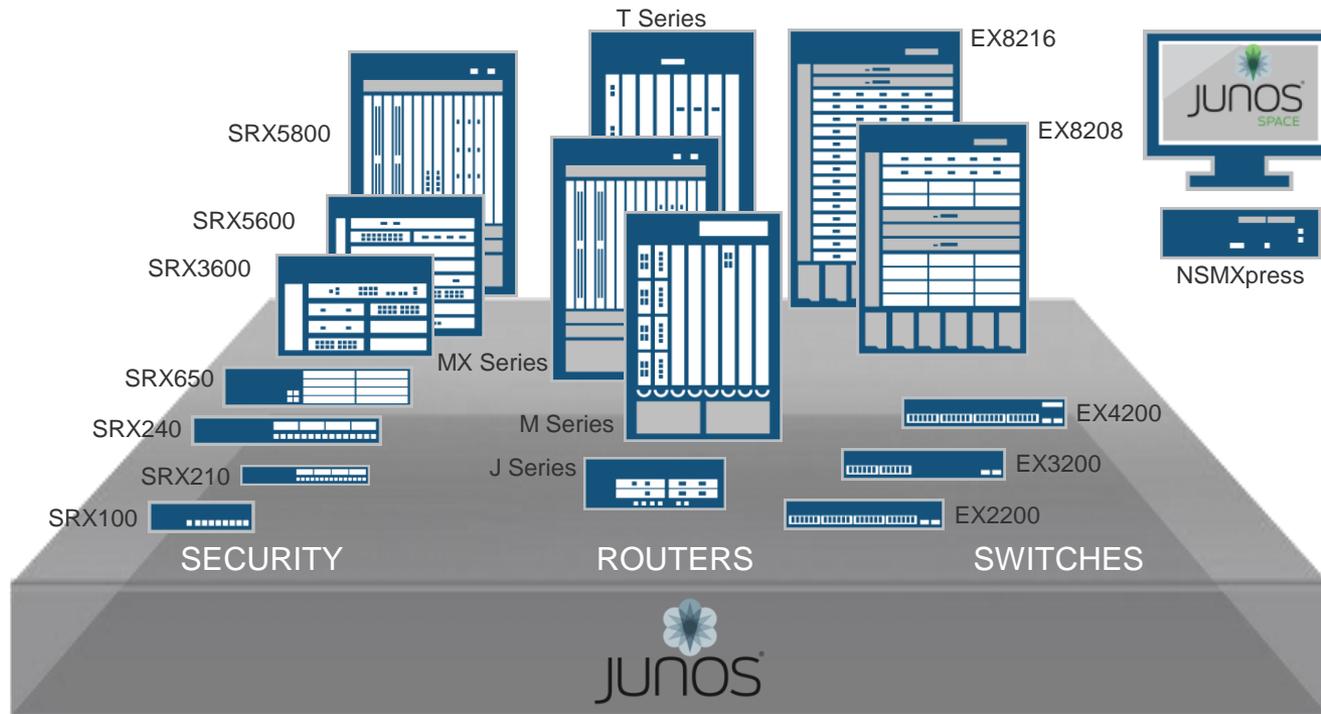
OPERATIONAL EXCELLENCE

\$3.5B	Cash and Investments
7000	Dedicated Employees
\$800M	Annual R&D Engine

NEW JUNIPER PRODUCTS

- SRX Branch Series
- AX411 Wireless Access Point
- CX111 3G Bridge and 3G Express Card
- EX2200 Series Switches

JUNOS OPERATING SYSTEM

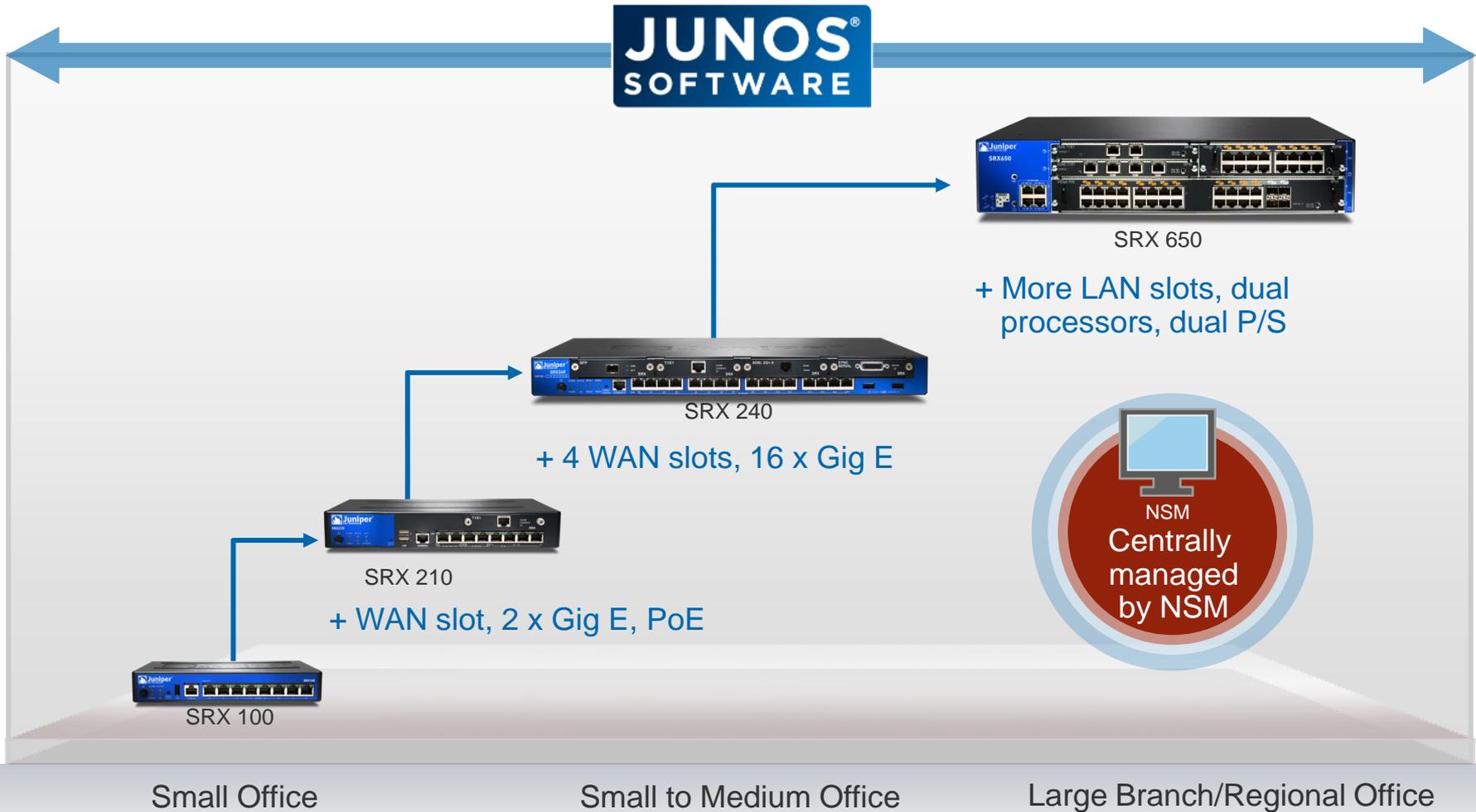


SOLUTION PORTFOLIO



SRX Branch Overview

SRX BRANCH PORTFOLIO 2010



SRX100

On-board Ethernet	8 x FE
Mini-PIM slot	No
USB ports (flash)	1
Power over Ethernet	No
PSTN voice ports	No
Routing Performance	75Kpps
Firewall Performance	200 Mbps (IMIX)
VPN Performance	65 Mbps
IDP Performance	60 Mbps
High Availability	A/A or A/P



Ideal for small sites and managed telecommuters

Fixed I/O – 8 10/100 Ethernet ports

Full UTM features: Firewall, antivirus, anti-spam, anti-spyware, web filtering, IPS (IDP)

UTM requires High memory version

SRX210

On-board Ethernet	2 x GE + 6 x FE
Mini-PIM slot	1
USB ports (flash)	2
Power over Ethernet	4 ports—50 W total
PSTN voice ports	Yes
Routing Performance	80Kpps
Firewall Performance	250 Mbps (IMIX)
VPN Performance	75 Mbps
IDP Performance	80 Mbps
High Availability	A/A or A/P



Ideal for Small branches

Full UTM features: Firewall, antivirus, anti-spam, anti-spyware, web filtering, IPS (IDP)

UTM requires High memory version

Available voice version with mini-PIM options

- Factory-configured voice model

SRX240

On-board Ethernet	16 x GE
Mini-PIM slot	4
USB ports (flash)	2
Power over Ethernet	16 ports GE, 150 W
PSTN voice ports	Yes
Routing Performance	200Kpps
Firewall Performance	500 Mbps (IMIX)
VPN Performance	250 Mbps
IDP Performance	250 Mbps
High Availability	A/A or A/P



Ideal for Small branches

Full UTM features: Firewall, antivirus, anti-spam, anti-spyware, web filtering, IPS (IDP)

UTM requires High memory version

Available voice version with mini-PIM options

- Factory-configured voice model

SRX650

On-board Ethernet	8 x FE
GPIM slot	8
USB ports (flash)	2 per SRE
Power over Ethernet	Up to 48 ports – 247 W
PSTN voice ports	Future
Routing Performance	900Kpps
Firewall Performance	2.5 Gbps (IMIX)
VPN Performance	1.5 Gbps
IDP Performance	900 Mbps
High Availability	A/A or A/P



Ideal for regional sites, large branches

Modular

- LAN switching
- Services Routing Processors with optional redundancy (Future)
- Power supplies with optional redundancy (at FRS)
- Voice configurations (Future)

Full UTM features: Firewall, antivirus, anti-spam, anti-spyware, web filtering, IPS (IDP)

Max GE 52 ports
(2 x 24 GE PIM + 4 integrated ports)

AX411 – WLAN AP

Juniper's new WLAN solution

New selling opportunities!

Blend high performance 802.11n with the award-winning SRX Series

- Dual band, dual radio supports data rates up to 300Mbps
- SRX delivers category-leading security throughput

Enjoy rapid setup and centralized Monitoring of remote sites

- Cluster cloning
- Remote over-the-air packet capture

Benefit from a simple, low-cost solution

- Highly integrated
- No additional controller licenses required for up to 2 APs



An unmatched wired/wireless combination

Extending high performance networking to wireless LAN

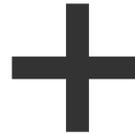
Firewall: 750 Mbps
IPS: 80 Mbps



Firewall: 1500 Mbps
IPS: 250 Mbps



Firewall: 7000 Mbps
IPS: 900 Mbps



Data rate: up to
300 Mbps
Virtual APs: up
to 16 unique SSIDs

Result
Performance *without*
security compromises

CX111 – 3G Wireless

JUNIPER'S NEW WIRELESS WAN SOLUTIONS: WHAT WE'RE DELIVERING FOR 3G CONNECTIVITY

PoE powered 3G to Ethernet bridge

Connects to SRX, J-Series, SSG

Supports up to four 3G Modems

Ideal backup for wired WAN or as
primary connectivity where wired
WAN is not available



CX111 3G Bridge

3G integrated on the SRX210

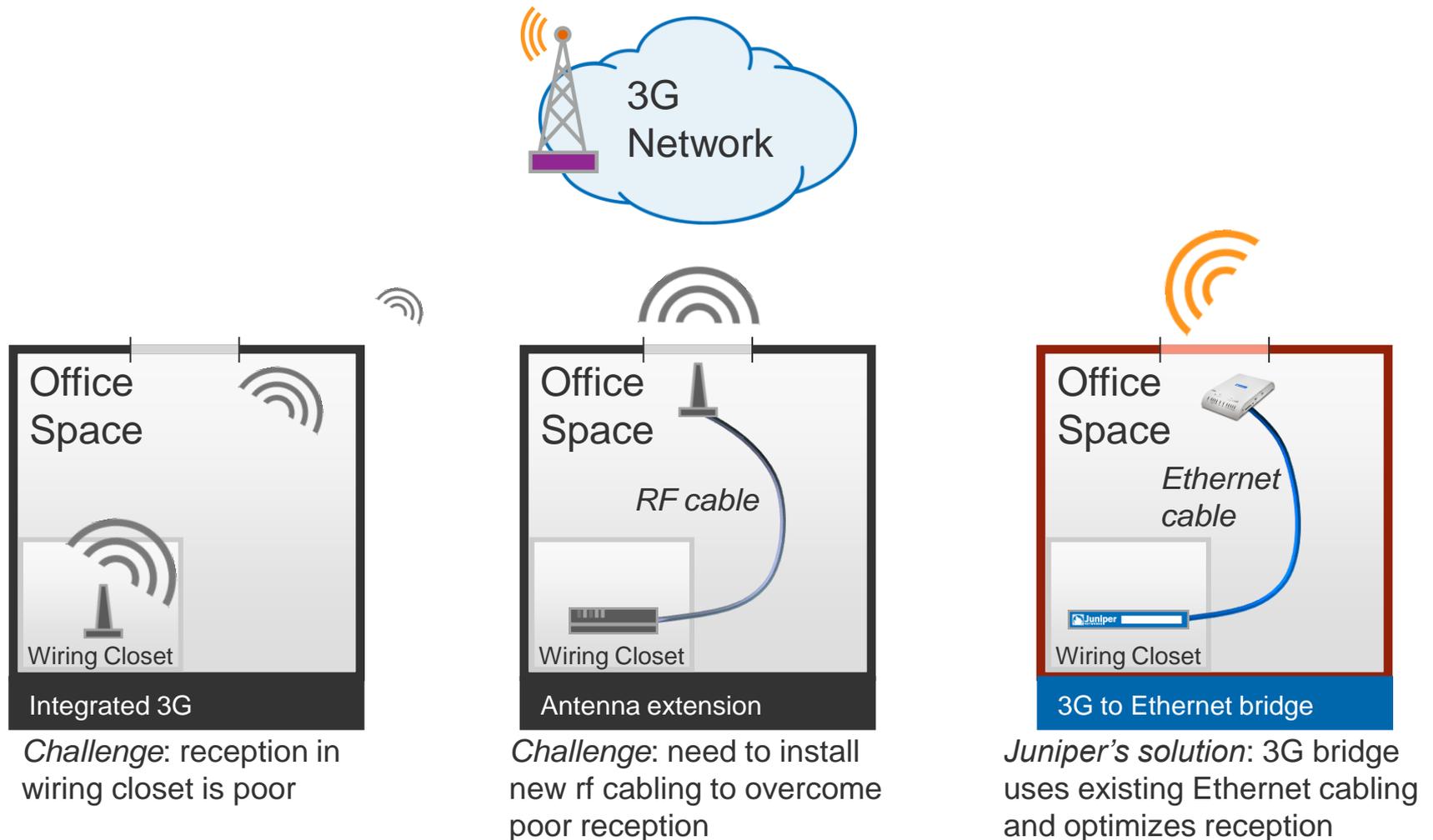
- Uses the SRX210 ExpressCard slot

Ideal backup for wired WAN or
as primary connectivity where
wired WAN is not available



3G ExpressCards
for the SRX210

INDUSTRY'S BEST 3G RECEPTION: NO MORE RF CABLES OR POOR RADIO PERFORMANCE



KEY FEATURES AND HIGHLIGHTS

3G Bridge



- 3xUSB, 1xExpressCard slot
- 50+ modem support
- Supports Sprint, Clearwire WiMAX
- Simple plug & play
- Multi-modem failover support
- PoE powered
- LED signal indicator

Orderable on the November price list

SRX210 with integrated 3G



- Ships with external antenna
- End to end Juniper Solution
- Carrier certified
- NMS, J-Web and CLI Management

Verizon Card Orderable on Dec. price list

EX2200 Overview

EX2200 LINE OF ETHERNET SWITCHES

Designed for branch and low-density wiring closets

Fixed configuration

- 24 or 48 ports
- PoE model options
- 4 SFP uplinks



Junos operating system

- L2 and RIP in base license

Fixed power supply and fans

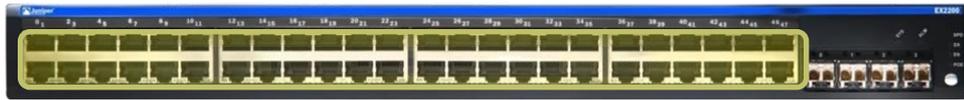
List price starts at \$1,995

# Ports	Port Type	PoE Ports	Fixed Uplinks	Max Power Consumption (PoE Power)
24	10/100/1000B-T	0	4 SFP	100 (0) W
24	10/100/1000B-T	24	4 SFP	550 (450) W
48	10/100/1000B-T	0	4 SFP	100 (0) W
48	10/100/1000B-T	48	4SFP	550 (450) W

*Roadmap

EX2200 SWITCH: FRONT AND REAR VIEWS

EX2200 Front View



↑
All ports
PoE capable
in PoE SKUs

↑
4xGbE
uplink ports

EX2200 Rear View



↑
GbE
Mgmt
& USB
↑
Console

↑
RPS

↑
Fan

↑
Fan

↑
Single
fixed
power
supply

Fixed, standalone configuration

- 17.3W x 10D x 1.75H inches
- 43.9W x 25.4D x 4.4H cm
- 1 RU height

Fixed power, fans and uplinks

Consistent management

- Junos operating system
- Managed by NSM
- UAC integration

High Performance

- Wire-rate, non-blocking
- 104 Gbps capacity

Management interfaces

- Console
- Out-of-band Ethernet

External RPS support*

*Roadmap

EX SERIES FIXED-CONFIGURATION COMPARISON

Features	EX2200	EX3200	EX4200
List Price (24T)	\$1,995	\$3,000	\$6,000
RIP in base image	✓	✓	✓
Enhanced L3 Features (OSPF, PIM)	✓(License)*	✓	✓
Advance Features (BGP, IS-IS, MPLS, IPv6 routing)	X	✓(License)	✓(License)
Modular Power Supply and Fans	X	✓	✓
Modular Uplinks	X	✓	✓
DC Power Supply	X	✓	✓
Fiber Aggregation Model	X	X	✓
Redundant Power and Fans	X	X	✓
Virtual Chassis Technology	X	X	✓
Acoustic Noise	40dB - 45dB	47dB - 55dB	47dB - 54dB
Depth (inches)	10	16.4	16.4
Max. PoE Power per Port (Total System PoE)	30W (450W)	15.4W (740W)	15.4W (740W)

*Roadmap



everywhere