

Network Automation



Apstra
Intent-based networking solution fully automates designing, deploying, and operating data center networks using closed-loop automation, assurance, and AIOps in single and multivendor environments.



Paragon Planner
Network planning and simulation tool provides in-depth network views, health audits, and scenario planning, without impacting your live network.



Paragon Insights
Highly automated, cloud-native data collection and analytics solution uses machine learning (ML) algorithms to provide coherent and actionable operational intelligence across network deployments.



Paragon Pathfinder
(formerly NorthStar Controller)
A cloud-native controller that simplifies traffic engineering, making it easier for network operators to obtain the benefits provided by transport service paths, such as MPLS/RSVP, SR, and Network Slicing.



Paragon Active Assurance
Programmable test and monitoring solution to actively verify service quality across physical and multi-cloud networks.



Contrail Networking
Provides routing and bridging, load balancing security, multitenancy elastic, resilient VPN gateway services, high availability analytics services, API services.



Junos
Streams real-time performance data from your network devices to fuel performance analysis, service assurance, and troubleshooting tools.



RAN Intelligent Controller (RIC)
AI-driven, real-time optimization and automation platform for enhancing RAN performance, enabling intelligent management and seamless service delivery across 4G and 5G networks.

Security Services



AppSecure
Identify and protect apps with per app control, app firewall, and SSL proxy to decrypt and monitor traffic.



Content Security
Protect users against known and unknown threats including phishing, spyware, malware, ransomware, and more.



SecIntel
Threat intelligence made actionable via infrastructure (SRX, MX, EX, QFX, Mist).



Secure Connect
VPN client supporting remote workers on Win, MacOS, IOS, and Android.



DDoS
Line-rate mitigation of Distributed Denial of Service attacks.



IDP/IPS
Prevent exploitation used by different network attack techniques, including exploit-based attacks aimed at app vulnerabilities.



ATP Cloud
Juniper's threat intelligence hub that uses machine learning to provide complete advanced malware detection and prevention.



Security Director Cloud
Centralized management, analytics, and unified policy orchestration for network-wide visibility and enforcement.

Mist AI Cloud Services



Marvis Virtual Assistant
Mist AI comes to life with the industry's first virtual network assistant. Marvis helps IT teams get to answers with streamlined operations and simplified troubleshooting—helping to boost user experiences.



Marvis Minis
The industry's only AI-Native Networking Digital Experience Twins simulate user connections to validate network configurations and detect issues proactively, ensuring optimal performance and a seamless end-user experience.



Marvis VNA for Data Center
The industry's only AI-powered virtual network assistant providing real-time insights and automation to optimize performance, simplify operations, and enhance reliability across complex data center networks.



Wi-Fi Assurance
Make Wi-Fi predictable, reliable, and measurable. Automate operations, save time and money, and get unprecedented visibility into the Wi-Fi user experience.



Wired Assurance
Deliver better experiences for connected devices with AI-powered automation and service level. Leverage rich Junos telemetry from EX Switches to enable simpler operations, shorter mean time to repair, and improved visibility.



WAN Assurance
Bring AI-driven insights for the WAN and branch into your Juniper secure SD-WAN solution, and shift the focus from network and application behavior to actual user experiences.



Premium Analytics
Get network and security visibility and business insights to drive your digital transformation journey. Really understand business operations while overcoming the complex challenges associated with the influx of big data from network and client endpoints.



Routing Assurance
Optimize and automate WAN performance, ensuring reliable and efficient delivery of applications across the network.



User Engagement
Leverage patented Virtual BLE (vBLE) array technology and Mist AI to drive down deployment costs and improve the accuracy of indoor location services, from wayfinding to location-based proximity notifications.



Asset Visibility
Make it easy to find critical assets and resources, with detailed location analytics at your fingertips. Our vBLE technology leverages the same infrastructure for engaging with mobile users, reducing the need for overlay sensors or physical beacons.



Access Assurance
Enforces zero-trust network access policies for guest, IoT, BYOD, and corporate devices.



Driven by Experience™

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Products at a glance







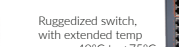








Juniper AI-Native Networking
Platform serves critical use cases from client to cloud:

- Transform next gen campus and branch
- Modernize Data Center
- Scale Automated WAN













Wireless









 <p>AP45</p> <p>Wi-Fi 6E (802.11ax) 2.4/5/6 GHz 4x4:4 vBLE</p>	 <p>AP34</p> <p>Wi-Fi 6E (802.11ax) 2.4/5/6 GHz 2x2:2 Omni BLE</p>	 <p>AP24</p> <p>Wi-Fi 6E (802.11ax) 2.4/5/6 GHz 2x2:2 Omni BLE</p>	 <p>AP43/43E</p> <p>Wi-Fi 6 (802.11ax) 2.4 / 5GHz 4x4:4 vBLE</p>	 <p>AP33</p> <p>Wi-Fi 6 (802.11ax) 2.4 GHz 2x2:2 5 GHz 4x4:4 vBLE</p>	 <p>AP47/47D/47E</p> <p>Wi-Fi 7 (802.11be) 2.4/5/6 GHz 4x4:4 vBLE</p>	 <p>AP12</p> <p>Wi-Fi 6 (802.11ax) 2.4 / 5 GHz 2x2:2 Omni BLE</p>	 <p>AP63/63E</p> <p>Wi-Fi 6 (802.11ax) 2.4 / 5 GHz 4x4:4 vBLE</p>	 <p>AP64</p> <p>Wi-Fi 6E (802.11ax) 2x2:2 Omni BLE[h1]</p>
INDOOR						INDOOR/OUTDOOR		











Campus Switching

 <p>EX2300</p> <p>24x or 48x GbE Port 4x10GbE/1GbE fix uplink Multigig: up to 8/16 x 1/2.5G Port combination Virtual Chassis (4 devices/10G support)</p>	 <p>EX4100-F</p> <p>Fixed Cloud Ready Access 12x, 24x or 48x 1GbE 100M/1/2.5/5/10GbE or 4 x 1/10GbE uplinks EVPN-VXLAN access layer</p>	 <p>EX3400</p> <p>24x or 48x GbE Ports 4x10GbE fiber or 2x40Gb uplinks Redundant power supplies</p>	 <p>EX4100</p> <p>Cloud Ready Access 24x or 48x 1GbE 4 x 1/10GbE or 4 x 10/25GbE uplinks Dual redundant power supplies/fans EVPN-VXLAN access layer</p>	 <p>EX4100-H</p> <p>Ruggedized switch, with extended temp range: -40°C to +75°C 4 x 100MB/1GbE/ 2.5GbE, 8 x 10MB/100MB/1GbE, 2 x 1/10GbE SFP+ uplinks, and 2 x 1/10GbE SFP+ for Virtual Chassis/uplinks</p>	 <p>EX4300-MP</p> <p>100M/1/2.5/5/10GbE and 10/25/40/100GbE uplink port options</p>	 <p>EX4400</p> <p>12x10G + 36x1G or 24x or 48x 1G Port 12x1/2.5/5/10G + 36x2.5G 24x1/2.5/5/10G Port or 4x25G or 2x10G Uplink 2x100G Stacking Uplink EVPN-VXLAN access layer</p>	 <p>EX4400-48MXP</p> <p>Delivers up to 3600W of PoE - 12 x 100M/1/2.5/5/10GbE + 36 x 100M/1/2.5GbE and optional 4 x 10/25/40/100GbE uplinks</p>	 <p>EX4400-48XP</p> <p>Delivers up to 3600W of PoE - 48 x 1GbE PoE/Non-PoE and 4 x 10/25/40/100GbE uplinks</p>	 <p>EX4400-24X</p> <p>24x or 48x GbE Ports 4x10GbE fiber or 2x40Gb uplinks Redundant power supplies</p>	 <p>EX4600</p> <p>24x fiber 10GbE + 4x 40GbE 2x modules: 8 10GbE fiber or 4x40GbE Redundant power supplies</p>	 <p>EX4650</p> <p>24x fiber 10GbE + 4x 40GbE 2x modules: 8 10GbE fiber or 4x40GbE Redundant power supplies</p>	 <p>EX9200</p> <p>4/8/14-slot modular 1.6/4.8/13.2Tbps 1G/10G/40G/100G Fully redundant 2 member VC</p>
CLOUD NATIVE, AI-NATIVE ACCESS									CLOUD NATIVE, AI-NATIVE DISTRIBUTED CORED			

Data Center Switching

 <p>QFX5110-48S/-32Q</p> <p>48 x 1/10GbE SFP/SFP+ and 4 x 40/100GbE QSFP+/QSFP28 -32Q has 32 x 40GbE QSFP+; 20 x 40GbE QSFP+ and 4 x 100GbE QSFP28</p>	 <p>QFX5120-48T</p> <p>48 x 1/10GbE RJ-45 and 6 x 40/100GbE QSFP+/QSFP28</p>	 <p>QFX5120-48Y/YM</p> <p>48 x 1/10/25GbE SFP/SFP+ and 8 x 40/100GbE QSFP28/QSFP+ -YM has MAC-sec</p>	 <p>QFX5120-32C</p> <p>32 x 40/100GbE QSFP+/QSFP28 and 2 x 10GbE SFP+</p>	 <p>QFX5130-32CD/-48C/CM</p> <p>32 x 400GbE QSFP-DD/QSFP+/QSFP28 and 2 x 10GbE SFP+</p>	 <p>QFX5200-32C/-S</p> <p>32 x 40/100GbE QSFP+/QSFP28-S has ONIE and SONIC images preinstalled</p>
 <p>QFX5210-64C/-S</p> <p>64 x 40/100GbE QSFP+/QSFP28-S has ONIE and SONIC images preinstalled</p>	 <p>QFX5230-64CD</p> <p>64 x 400GbE</p>	 <p>QFX5240-64OD/QD</p> <p>64 x 800GbE</p>	 <p>QFX5220-32CD</p> <p>32 x 40/100/400GbE QSFP56-DD and 2 x 10GbE SFP+</p>	 <p>QFX5220-128C</p> <p>128 x 100GbE QSFP28 and 2 x 10GbE SFP+</p>	 <p>QFX5700</p> <p>32 x 400GbE QSFP56-DD, 64 x 200GbE 128 x 100GbE, 144 x 50/40/25/10GbE</p>

SD-WAN Routers						LEAF / SPINE					
 <p>SSR120</p> <p>1.5 Gbps 4 x 1GbE RJ-45 2 x 1GbE RJ-45/SFP combo</p>	 <p>SSR130</p> <p>2 Gbps 6 x 1GbE RJ-45 2 x 1GbE RJ-45/SFP combo</p>	 <p>SSR1200</p> <p>10 Gbps 7 x 1GbE RJ-45</p>	 <p>SSR1300</p> <p>20 Gbps 4 x 1GbE RJ-45</p>	 <p>SSR1400</p> <p>40 Gbps 4 x 1GbE RJ-45</p>	 <p>SSR1500</p> <p>50 Gbps 4 x 1GbE RJ-45</p>	 <p>AI-Driven SD-WAN</p> <p>Session Smart Router Session Smart Router Software runs on SSR Series Hardware. Enhances network performance with a tunnel-free architecture and AI-Native insights.</p>	 <p>Secure Edge</p> <p>Full-stack Security Services Edge (SSE) capabilities to protect web, SaaS, and on-premises applications. Combine with Juniper SD-WAN for a complete SASE architecture.</p>	SD-WAN			SECURITY SERVICES








Multi-Service Edge Routers						Core Routers				
MX204 Compact Router	MX240	MX304	MX480	MX960	MX10004	MX10008	PTX10004/PTX10008/ PTX10016	PTX10002-36QDD	PTX10001-36MR	
										
Space and Energy efficiency Sys Cap: 400 Gbps Multi-rate 4x100GbE, 4x40GbE, 24x10/1GbE ports Full HQoS, 1588, SyncE Space: 1 RU	Sys Cap: 3Tbps SW Fab Cap 1.5Tbps MPC/DPC/chassis 3 Chassis/rack 9	Throughput of 3.2Tbps to 4.8Tbps Power & space efficiency - 2 RU Density - 96 x 10/25GbE, 48 x 40/50/100, 12 x 400GbE Rich multiservice edge, timing features	Sys Cap: 7.5Tbps SW Fab Cap 1.5Tbps MPC/DPC/chassis 6 Chassis/rack 6	Sys Cap: 12Tbps SW Fab Cap 1.5Tbps MPC/DPC/chassis 12 Chassis/rack 3	Up to 38.4Tbps Capacity 4-slots Dense 100GbE and 400GbE 800GbE ready Rich multiservice edge, timing features	Up to 76.8Tbps Capacity 8-slots Optimized for 100GbE/400GbE Port Density Power-Efficient, 800GbE Ready	Sys Cap: 4-, 8-, 16- slot modular platforms, up to 57.6, 115.2, 230.4Tbps capacity High capacity LC1201 (14.4Tbps) and LC1202 (4.8Tbps) line cards Dense 100/400GbE port density. Seamless 400G transitions 400GbE inline MACsec, 800GbE ready	Sys Cap: 28.8Tbps (36 x 800GbE, 72 x 400GbE, 288 x 100GbE) Power & space efficiency - 2 RU 800GbE inline MACsec	Sys Cap: 9.6Tbps (24 x 400GbE, 108 x 100GbE) Power & space efficiency - 1 RU 400GbE inline MACsec	
CAMPUS / ACCESS LEAF / DC WAN / DCI / SPINE				MEDIUM DC / DC WAN/DCI / PEERING / SPINE/LEAF		CORE / PEERING/ DCI / LARGE DC SPINE/ METRO AGGREGATION / AI-ML CLUSTER				

Optics


 <p>Client Optics & Cables</p>	 <p>Coherent Optics (ZR/ZR+)</p>	 <p>PON & TDM Optics</p>
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JUNIPER QUALIFIED OPTICS 1G TO 800G

Metro Access and Aggregation Routers

 <p>ACX7024</p> <p>Sys Cap 360G (24x1/10/25G) + 4x100G, Hardened, i-Temp, 1 RU</p>	 <p>ACX7024X</p> <p>Sys Cap 360G (24x1/10/25G) + 4x100G, c-Temp, 1 RU</p>	 <p>ACX7100-32C</p> <p>Sys Cap 4.8Tbps (32x40/100G + 4x400G), c-Temp, 1 RU</p>	 <p>ACX7100-48L</p> <p>Sys Cap 4.8Tbps (48x10/25/50 + 6x400G), c-Temp, 1 RU</p>	 <p>ACX7332</p> <p>Sys Cap 2.4Tbps PFE w/OP2 (Fixed Ports: 32x 1-25GbE, 8x 100GbE, 3x I/O Bays), e-Temp, 3RU</p>	 <p>ACX7348</p> <p>Sys Cap 2.4Tbps (Fixed Ports: 48x 1-25GbE, 8x 100GbE, 3x I/O Bays), i-Temp, 3RU</p>	 <p>ACX7509</p> <p>Sys Cap 4.8Tbps and oversubscribed, Supports 1/10/25/40/50/100/200/400G ports with 3 LC options, c-Temp, 5RU, 8 usable Slots</p>
ACCESS / PRE-AGGREGATION / AGGREGATION / LEAN EDGE / SPINE / LEAF / METRO CORE						

Next Gen Firewall

 <p>vSRX/cSRX</p> <p>Virtual Firewall / Container Based Firewalls (vSRX/cSRX) supporting virtual infrastructure and cloud initiatives for customers, these virtual SRX products deliver the same visibility, protections and capabilities as our physical appliances in virtual infrastructure, including AWS, Azure, GCP, and more.</p>

VIRTUAL APPLIANCES

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