Juniper, Mist, and E-Rate Maximize your E-Rate project with AI-driven digital learning-ready networks

For K-12 education, the digital transformation is critically dependent on scalable, secure, reliable broadband connections. Unfortunately, weak, complex, and difficult to manage networks threaten this transition. For students and teachers experiencing dropped or poor connections, digital learning and online assessments can suffer, causing learning outcomes to not be met. For many district network administrators, overly complex workflows and tools that focus primarily on network health rather than the end-user experience make troubleshooting and resolving these access issues exceedingly difficult.

Al-Driven Digital Learning-Ready Networks from Juniper Networks

Thankfully, districts no longer need to compromise nor invest valuable school district and E-Rate funds in networks built on outdated architectures. Unique to the industry, the Juniper Al-Driven Enterprise solution addresses and greatly enhances E-Rate infrastructure projects with a modern, scalable, secure, and reliable network built with an integrated solution stack from Juniper. By empowering IT team members

with proactive operations, the solution automatically identifies and fixes wired/wireless/device problems using machine learning. E-Rate applicants can now benefit from Juniper's:

- Proven and trusted enterprise-class, automated, and self-forming switch fabrics
- Mist wireless LAN solution, the first cloud-based WLAN that leverages Al and machine learning to make Wi-Fi predictable, reliable, and measurable to ensure a great digital learning experience
- Reduced complexity, simplifying network operational and management workflow for the IT staff

Whether your district is planning an E-Rate Category One project that requires upgrading network equipment to boost broadband connection capacity, or an E-Rate Category Two project to modernize your data distribution, wireless data distribution, and data protection infrastructure, Juniper has the right E-Rate-eligible solutions to fulfill the needs of institutions ranging from single-school campuses to large school districts. Juniper E-Rate-eligible solutions are also easy on the applicant's budget, offering lower estimated five-year TCO than the leading competitive brand.

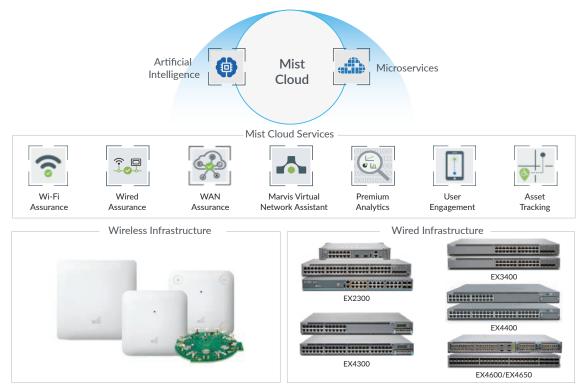


Figure 1: The Juniper Al-driven digital learning-ready network solution

Juniper E-Rate-Eligible Solution Components

Juniper Networks EX Series Ethernet Switches



Designed for the converged school district campus and data center to address demands for high availability, unified communications, and virtualization, EX Series switches offer high-performance, scalable, fixed-configuration 1GbE and multigigabit platforms; fixed configuration 10GbE, 25GbE, 40GbE, and 100GbE aggregation switches ideal for high-density campus deployments; and modular core switches optimized for high-density, mission-critical applications.

Juniper Networks

QFX Series

Switches



QFX Series switches, ideally suited for district traffic aggregation points and data centers, improve the efficiency of district fiber networks by aggregating traffic for WAN and Internet access transport. The QFX5100 line of scalable Layer 2/Layer 3 switches is optimized for application delivery and contains a powerful feature set for virtualized data centers. The QFX10000 line offers a highly scalable, high-density network foundation for supporting today's most demanding data center and cloud environments, including midsize to large data centers, private clouds, and public clouds.

Mist Al-Driven Wireless LAN



Designed for the demands of digital learning, Mist wireless LAN makes Wi-Fi predictable, reliable, and measurable by providing unprecedented visibility into the user experience. Enterprise-grade Wi-Fi, Bluetooth Low Energy (BLE), and IoT are merged, creating personalized, location-based wireless services for the best end-user experience. With Mist, customizing Wi-Fi service levels, providing easy guest services, replacing time-consuming manual IT tasks with proactive automation, gaining insights through detailed analytics, and leveraging location-based services to locate valuable assets are now within reach.

Juniper Networks
SRX Services
Gateways (NextGeneration
Firewalls)



SRX Series Services Gateways are rightsized for a variety of district applications. Offering a complete set of next-generation firewall (NGFW)¹ and unified threat management (UTM) features, the SRX Series physical and virtual firewalls protect district networks from the latest content-borne threats. These firewalls also support the Children's Internet Protection Act (CIPA) and the Family Educational Rights and Privacy Act (FERPA), contributing to ensuring district-wide compliance.

Juniper Networks
MX Series 5G
Universal Routing
Platforms



Juniper's portfolio of high-performance, software-centric physical and virtual routers deliver all the performance, features, and functions school district applications need, including private WAN for multisite connectivity through a private backbone; data center interconnect for connecting multiple data centers for disaster recovery; geo clustering and virtualization; and Internet edge to act as the school district's Internet gateway.

"Wired Assurance and Wi-Fi Assurance are compelling. Having wired and wireless all in one dashboard makes it easier for our support technicians because they have a single place to find and troubleshoot a problem..."



- Steve Mitzel, Director of IT

"We chose Mist because of the visibility into the user experience. Before Mist, our network engineers were always chasing ghosts in the wireless. Now, Mist provides visibility so we can see what the issue is. Mist is tremendous for troubleshooting."



- Stephen McGilvray, Executive Director of Technology

"Wireless needs to be like the lights, always on and always perfect. That's how our Mist Wi-Fi is. The Marvis Actions dashboard has even diagnosed issues for us with our LAN where a VLAN tag configuration was missing from one of our core switches. We are excited about how AI is transforming our IT operations and student experiences."



Wadsworth City Schools

- Phil Luthman, Director of Technology

It used to take hours or days tracing data and doing manual packet captures to fix wireless issues. Now solving client issues takes just minutes with Mist. In addition, with a single glance I can see exactly what level of service we are delivering to every student, teacher, administrator, and guest. We really value this new level of visibility into the user experience.



- John Fano, System Admin at NCCS

Simplify Your E-Rate Project

A number of special Juniper E-Rate offerings are now available to eligible applicants as single, orderable part numbers, all at attractive price points. These special offerings represent many of the most popular solutions adopted by K-12 customers and include:

- EX Series Ethernet Switches that include the base system switch hardware and three years of next-day support² (see Table 1).
- Mist Al-Driven Wireless LAN that includes the Mist Access Point, cloud service subscriptions, and support over a one, three, or five-year license term³ (see Table 2).
- EX Wired Assurance Switches that include EX Series base system switch hardware, cloud service subscriptions, and support over three- or five-year license terms (see Table 3).

¹ Firewall services and firewall components are E-Rate eligible. Security services beyond basic stateful firewall such as UTM, intrusion prevention system (IPS), application security, and advanced threat prevention (ATP) are not considered E-Rate eligible.

² Includes three years of unlimited 24x7 Juniper Technical Assistance Center (JTAC) access, software releases, online support, advanced hardware replacement: next business day Advanced Replacement part deliver, Junos Space® Service Now and Service Insight.

Service Now and Destruct magnit.

Includes the Wi-Fi access point hardware, cloud subscription, 24x7 technical support, unlimited access to all new cloud features and product documentation, and is available in 1-year, 3-year, or 5-year license terms.

Table 1 provides a list of available part numbers for the EX Series bundles, including three-year next-day support services. These offerings are E-Rate eligible.

Table 1. EX Series Ethernet Switches with 3-Year Next-Day Support Services

Family	Part Number	Description
	B-EX2300-24P-EDU	EX2300-24P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-24T-EDU	EX2300-24T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-48P-EDU	EX2300-48P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-48PV-EDU	EX2300-48P-VC E-Rate Bundle with 3-Year Next-Day Support Services
EX2300 Ethernet Switches	B-EX2300-48T-EDU	EX2300-48T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-C12P-EDU	EX2300-C-12P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-C12PV-EDU	EX2300-C-12P-VC E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-C12T-EDU	EX2300-C-12T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-24MP-EDU	EX2300-24MP E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX2300-48MP-EDU	EX2300-48MP E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX3400-24P-EDU	EX3400-24P E-Rate Bundle with 3-Year Next-Day Support Services
EX3400 Ethernet Switches	B-EX3400-24T-EDU	EX3400-24T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX3400-48P-EDU	EX3400-48P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX3400-48T-EDU	EX3400-48T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-24P-EDU	EX4300-24P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-24T-EDU	EX4300-24T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-32F-EDU	EX4300-32F E-Rate Bundle with 3-Year Next-Day Support Services
EX4300 Ethernet Switches	B-EX4300-48P-EDU	EX4300-48P E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-48T-EDU	EX4300-48T E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-48TA-EDU	EX4300-48T-AFI E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-48TD-EDU	EX4300-48T-DC E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX4300-48MP-EDU	EX4300-48MP E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX440024MP-EDU	EX4400-24MP E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440024P-EDU	EX4400-24P E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440024T-EDU	EX4400-24T E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440024TA-EDU	EX4400-24T-AFI E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440024TD-EDU	EX4400-24T-DC E-Rate Bundle with 3-Year Next Day Support Services
	B-EX4424TDA-EDU	EX4400-24T-DC-AFI E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048F-EDU	EX4400-48F E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048FA-EDU	EX4400-48F-AFI E-Rate Bundle with 3-Year Next Day Support Services
EX4400 Ethernet Switches	B-EX440048FD-EDU	EX4400-48F-DC E-Rate Bundle with 3-Year Next Day Support Services
	B-EX4448FDA-EDU	EX4400-48F-DC-AFI E-Rate Bundle with 3-Year Next Day Support Services
	·····	
	B-EX440048MP-EDU	EX4400-48MP E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048P-EDU	EX4400-48P E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048T-EDU	EX4400-48T E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048TA-EDU	EX4400-48T-AFI E-Rate Bundle with 3-Year Next Day Support Services
	B-EX440048TD-EDU	EX4400-48T-DC E-Rate Bundle with 3-Year Next Day Support Services
	B-EX4448TDA-EDU	EX4400-48T-DC-AFI E-Rate Bundle with 3-Year Next Day Support Services
EX4600 Ethernet Switches	B-EX4600-40FI-EDU	EX4600-40F-AFI E-Rate Bundle with 3-Year Next-Day Support Services
EX4000 Ethernet Switches	B-EX4600-40FO-EDU	EX4600-40F-AFO E-Rate Bundle with 3-Year Next-Day Support Services
	B-EX465048AI-EDU	EX4650-48Y-AFI E-Rate Bundle with 3-Year Next Day Support Services
EV4450 Fth amount Constrain	B-EX4650AO-EDU	EX4650-48Y-AFO E-Rate Bundle with 3-Year Next Day Support Services
EX4650 Ethernet Switches	B-EX4650DAI-EDU	EX4650-48Y-DC-AFI E-Rate Bundle with 3-Year Next Day Support Services
	B-EX4650DAO-EDU	EX4650-48Y-DC-AFO E-Rate Bundle with 3-Year Next Day Support Services

Table 1 Notes: For the switches listed in Table 1, to continue the same support level after year three, Juniper Care Next-Day Delivery Service is available for purchase which is partially E-Rate eligible under Category 2 Basic Maintenance of Internal Connections (BMIC). Alternately, Juniper Care Core is available, which is 100% E-Rate eligible under BMIC.

Table 2 provides a list of available part numbers for the Mist Wireless Gigabit or Multigigabit Wi-Fi Access Point bundles with support and cloud subscription. These offerings are E-Rate eligible.

Table 2. Mist Wireless Gigabit or Multigigabit Wi-Fi Access Point with Support and Cloud Subscription

Family	1 Mist Service: SUB-MAN		2 Mist	2 Mist Services: SUB-MAN and SUB-VNA		
	Part Number	Description	Part Number	Description		
MIST AP12	B-AP12-1S-1Y-E	Erate,MIST AP12 AP BUNDLE,1Y 1SVC SUB	B-AP12-2S-1Y-E	Erate,MIST AP12 AP BUNDLE,1Y 2SVC SUB		
	B-AP12-1S-3Y-E	Erate,MIST AP12 AP BUNDLE,3Y 1SVC SUB	B-AP12-2S-3Y-E	Erate,MIST AP12 AP BUNDLE,3Y 2SVC SUB		
	B-AP12-1S-5Y-E	Erate,MIST AP12 AP BUNDLE,5Y 1SVC SUB	B-AP12-2S-5Y-E	Erate,MIST AP12 AP BUNDLE,5Y 2SVC SUB		
	B-AP32-1S-1Y-E	Erate,MIST AP32 AP BUNDLE,1Y 1SVC SUB	B-AP32-2S-1Y-E	Erate,MIST AP32 AP BUNDLE,1Y 2SVC SUB		
MIST AP32	B-AP32-1S-3Y-E	Erate,MIST AP32 AP BUNDLE,3Y 1SVC SUB	B-AP32-2S-3Y-E	Erate,MIST AP32 AP BUNDLE,3Y 2SVC SUB		
	B-AP32-1S-5Y-E	Erate,MIST AP32 AP BUNDLE,5Y 1SVC SUB	B-AP32-2S-5Y-E	Erate,MIST AP32 AP BUNDLE,5Y 2SVC SUB		
MIST AP32E	B-AP32E-1S-1Y-E	Erate,MIST AP32E AP BUNDLE,1Y 1SVC SUB	B-AP32E-2S-1Y-E	Erate,MIST AP32E AP BUNDLE,1Y 2SVC SUB		
	B-AP32E-1S-3Y-E	Erate,MIST AP32E AP BUNDLE,3Y 1SVC SUB	B-AP32E-2S-3Y-E	Erate,MIST AP32E AP BUNDLE,3Y 2SVC SUB		
	B-AP32E-1S-5Y-E	Erate,MIST AP32E AP BUNDLE,5Y 1SVC SUB	B-AP32E-2S-5Y-E	Erate,MIST AP32E AP BUNDLE,5Y 2SVC SUB		
MIST AP33	B-AP33-1S-1Y-E	Erate,MIST AP33 AP BUNDLE,1Y 1SVC SUB	B-AP33-2S-1Y-E	Erate,MIST AP33 AP BUNDLE,1Y 2SVC SUB		
	B-AP33-1S-3Y-E	Erate,MIST AP33 AP BUNDLE,3Y 1SVC SUB	B-AP33-2S-3Y-E	Erate,MIST AP33 AP BUNDLE,3Y 2SVC SUB		
	B-AP33-1S-5Y-E	Erate,MIST AP33 AP BUNDLE,5Y 1SVC SUB	B-AP33-2S-5Y-E	Erate,MIST AP33 AP BUNDLE,5Y 2SVC SUB		
	B-AP34-1S-1Y-E	Erate,MIST AP34 AP BUNDLE,1Y 1SVC SUB	B-AP34-2S-1Y-E	Erate,MIST AP34 AP BUNDLE,1Y 2SVC SUB		
MIST AP34	B-AP34-1S-3Y-E	Erate,MIST AP34 AP BUNDLE,3Y 1SVC SUB	B-AP34-2S-3Y-E	Erate,MIST AP34 AP BUNDLE,3Y 2SVC SUB		
	B-AP34-1S-5Y-E	Erate,MIST AP34 AP BUNDLE,5Y 1SVC SUB	B-AP34-2S-5Y-E	Erate,MIST AP34 AP BUNDLE,5Y 2SVC SUB		
	B-AP43-1S-1Y-E	Erate,MIST AP43 AP BUNDLE,1Y 1SVC SUB	B-AP43-2S-1Y-E	Erate,MIST AP43 AP BUNDLE,1Y 2SVC SUB		
MIST AP43	B-AP43-1S-3Y-E	Erate,MIST AP43 AP BUNDLE,3Y 1SVC SUB	B-AP43-2S-3Y-E	Erate,MIST AP43 AP BUNDLE,3Y 2SVC SUB		
	B-AP43-1S-5Y-E	Erate,MIST AP43 AP BUNDLE,5Y 1SVC SUB	B-AP43-2S-5Y-E	Erate,MIST AP43 AP BUNDLE,5Y 2SVC SUB		
	B-AP43E-1S-1Y-E	Erate,MIST AP43E AP BUNDLE,1Y 1SVC SUB	B-AP43E-2S-1Y-E	Erate,MIST AP43E AP BUNDLE,1Y 2SVC SUB		
MIST AP43E	B-AP43E-1S-3Y-E	Erate,MIST AP43E AP BUNDLE,3Y 1SVC SUB	B-AP43E-2S-3Y-E	Erate,MIST AP43E AP BUNDLE,3Y 2SVC SUB		
	B-AP43E-1S-5Y-E	Erate,MIST AP43E AP BUNDLE,5Y 1SVC SUB	B-AP43E-2S-5Y-E	Erate,MIST AP43E AP BUNDLE,5Y 2SVC SUB		
	B-AP45-1S-1Y-E	Erate,MIST AP45 AP BUNDLE,1Y 1SVC SUB	B-AP45-2S-1Y-E	Erate,MIST AP45 AP BUNDLE,1Y 2SVC SUB		
MIST AP45	B-AP45-1S-3Y-E	Erate,MIST AP45 AP BUNDLE,3Y 1SVC SUB	B-AP45-2S-3Y-E	Erate,MIST AP45 AP BUNDLE,3Y 2SVC SUB		
	B-AP45-1S-5Y-E	Erate,MIST AP45 AP BUNDLE,5Y 1SVC SUB	B-AP45-2S-5Y-E	Erate,MIST AP45 AP BUNDLE,5Y 2SVC SUB		
	B-AP63-1S-1Y-E	Erate,MIST AP63 AP BUNDLE,1Y 1SVC SUB	B-AP63-2S-1Y-E	Erate,MIST AP63 AP BUNDLE,1Y 2SVC SUB		
MIST AP63	B-AP63-1S-3Y-E	Erate,MIST AP63 AP BUNDLE,3Y 1SVC SUB	B-AP63-2S-3Y-E	Erate,MIST AP63 AP BUNDLE,3Y 2SVC SUB		
	B-AP63-1S-5Y-E	Erate,MIST AP63 AP BUNDLE,5Y 1SVC SUB	B-AP63-2S-5Y-E	Erate,MIST AP63 AP BUNDLE,5Y 2SVC SUB		
	B-AP63E-1S-1Y-E	Erate,MIST AP63E AP BUNDLE,1Y 1SVC SUB	B-AP63E-2S-1Y-E	ERATE,MIST AP63E AP BUNDLE,1Y 2SVC SUB		
MIST AP63E	B-AP63E-1S-3Y-E	Erate,MIST AP63E AP BUNDLE,3Y 1SVC SUB	B-AP63E-2S-3Y-E	ERATE,MIST AP63E AP BUNDLE,3Y 2SVC SUB		
	B-AP63E-1S-5Y-E	Erate,MIST AP63E AP BUNDLE,5Y 1SVC SUB	B-AP63E-2S-5Y-E	ERATE,MIST AP63E AP BUNDLE,5Y 2SVC SUB		

Table 2 Notes: SUB-MAN and SUB-VNA are E-Rate eligible. SUB-ENG, SUB-AST, and SUB-PMA are not E-Rate eligible. Mist Wireless Gigabit and Multigigabit Wi-Fi Access Point with Support and Cloud Subscription includes the Wi-Fi access point hardware, cloud subscription license, 24x7 technical support, unlimited access to all new cloud features and product documentation, and is available in 1-year, 3-year, or 5-year license terms. AP33, AP43, AP43E, AP45, AP63, and AP63E support dynamic virtual Bluetooth® LE (vBLE) antenna array. AP12, AP32, AP32E, and AP34 support 2.4GHz BLE with Omni Antenna.

Table 3 provides a list of available part numbers for the EX Series Wired Assurance Switches. When ordered for your E-Rate project, each part number provides a corresponding EX Series Ethernet base switch hardware, support, and cloud service subscription. They are available in three- or five-year terms with two services (Wired Assurance and VNA). These offerings are E-Rate eligible.

Table 3. EX Series Wired Assurance Switches, Three- and Five-Year Terms with Two Services

Part Number Description Part Number Description EX230024MP-3M2-E EX230024MP ERATE MIST 2S LIC & SUP 3YR B-EX230024MP-5M2-E EX230024MP ERATE MIST 2S LIC & SUP 3YR B-EX230024P-5M2-E EX230024MP ERATE MIST 2S LIC & SUP 3YR B-EX230024P-5M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024P-5M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230024T ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048MP-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048MP-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340048P ERATE MIST 2S LIC & S	25 LIC & SUP 5YR 6 LIC & SUP 5YR 6 LIC & SUP 5YR 7 LIC & SUP 5YR 8 LIC & SUP 5YR 8 LIC & SUP 5YR 9 LIC & SUP 5YR 12 LIC & SUP 5YR 12 LIC & SUP 5YR 14 LIC & SUP 5YR 15 LIC & SUP 5YR 16 LIC & SUP 5YR
B-EX230024P-3M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024P-5M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230024T ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230024T ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048MP-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC	ELIC & SUP 5YR
B-EX230024P-3M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024P-5M2-E EX230024P ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230024T ERATE MIST 2S LIC & SUP 3YR B-EX230024T-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048MP-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP	ELIC & SUP 5YR 2S LIC & SUP 5YR ELIC & SUP 5YR
B-EX230048MP-3M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048MP-5M2-E EX230048MP ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SU	2S LIC & SUP 5YR 5 LIC & SUP 5YR 6 LIC & SUP 5YR 2S LIC & SUP 5YR 2S LIC & SUP 5YR 6 LIC & SUP 5YR 6 LIC & SUP 5YR 6 LIC & SUP 5YR
B-EX230048P-3M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048P-5M2-E EX230048P ERATE MIST 2S	ELIC & SUP 5YR
B-EX230048P-3M2-E EX230048P ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S B-EX230048T-3M2-E EX230048T ERATE MIST 2S LIC & SUP 3YR B-EX230048T-5M2-E EX230048T ERATE MIST 2S B-EX2300C12P-3M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S B-EX2300C12T-3M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S B-EX340024P-3M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S B-EX340048P-3M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S B-EX340048T-3M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S	S LIC & SUP 5YR 2S LIC & SUP 5YR 2S LIC & SUP 5YR S LIC & SUP 5YR S LIC & SUP 5YR S LIC & SUP 5YR
B-EX2300C12P-3M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12P-5M2-E EX2300C12P ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX34	2S LIC & SUP 5YR 2S LIC & SUP 5YR 6 LIC & SUP 5YR 6 LIC & SUP 5YR 6 LIC & SUP 5YR
B-EX2300C12T-3M2-E EX2300C12T ERATE MIST 2S LIC & SUP 3YR B-EX2300C12T-5M2-E EX2300C12T ERATE MIST 2S B-EX340024P-3M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S B-EX340024T-3M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S B-EX340048P-3M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S B-EX340048T-3M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S	2S LIC & SUP 5YR LIC & SUP 5YR LIC & SUP 5YR LIC & SUP 5YR
B-EX340024P-3M2-E EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024P-5M2-E EX340024P ERATE MIST 2S EX340024P ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX34	S LIC & SUP 5YR S LIC & SUP 5YR S LIC & SUP 5YR
EX3400 Ethernet Switches B-EX340024T-3M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340024T-5M2-E EX340024T ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR	S LIC & SUP 5YR
Switches B-EX340048P-3M2-E EX340048P ERATE MIST 2S LIC & SUP 3YR B-EX340048P-5M2-E EX340048P ERATE MIST 2S B-EX340048T-3M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S	S LIC & SUP 5YR
B-EX340048F-3M2-E EX340048F ERATE MIST 2S LIC & SUP 3YR B-EX340048F-5M2-E EX340048F ERATE MIST 2S B-EX340048F-3M2-E EX340048T ERATE MIST 2S LIC & SUP 3YR B-EX340048T-5M2-E EX340048T ERATE MIST 2S	
	LIC & SUP 5YR
B-EX430024P-3M2-E EX430024P ERATE MIST 2S LIC & SUP 3YR B-EX430024P-5M2-E EX430024P ERATE MIST 2S LIC	
	LIC & SUP 5YR
B-EX430024T-3M2-E EX430024T ERATE MIST 2S LIC & SUP 3YR B-EX430024T-5M2-E EX430024T ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX430032F-3M2-E EX430032F ERATE MIST 2S LIC & SUP 3YR B-EX430032F-5M2-E EX430032F ERATE MIST 2S LIC	LIC & SUP 5YR
EX4300 Ethernet Switches B-EX430048MP-3M2-E EX430048MP ERATE MIST 2S LIC & SUP 3YR B-EX430048MP-5M2-E EX430048MP ERATE MIST 2S LIC & SUP 3YR B-EX430048MP-5M2-E EX430048MP ERATE MIST 2S LIC & SUP 3YR	S LIC & SUP 5YR
B-EX430048P-3M2-E EX430048P ERATE MIST 2S LIC & SUP 3YR B-EX430048P-5M2-E EX430048P ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX430048T-3M2-E EX430048T ERATE MIST 2S LIC & SUP 3YR B-EX430048T-5M2-E EX430048T ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX430048TA-3M2-E EX430048TAFI ERATE MIST 2S LIC & SUP 3YR B-EX430048TA-5M2-E EX430048TAFI ERATE MIST 2	2S LIC & SUP 5YR
B-EX440024MP-3M2-E EX440024MP ERATE MIST 2S LIC & SUP 3YR B-EX440024MP-5M2-E EX440024MP ERATE MIST 2S	S LIC & SUP 5YR
B-EX440024P-3M2-E EX440024P ERATE MIST 2S LIC & SUP 3YR B-EX440024P-5M2-E EX440024P ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX440024T-3M2-E EX440024T ERATE MIST 2S LIC & SUP 3YR B-EX440024T-5M2-E EX440024T ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX440024TA-3M2-E EX440024TA ERATE MIST 2S LIC & SUP 3YR B-EX440024TA-5M2-E EX440024TA ERATE MIST 2S	S LIC & SUP 5YR
B-EX440024TD-3M2-E EX440024TD ERATE MIST 2S LIC & SUP 3YR B-EX440024TD-5M2-E EX440024TD ERATE MIST 2S	S LIC & SUP 5YR
B-EX4424TDA-3M2-E EX440024TDA ERATE MIST 2S LIC & SUP 3YR B-EX4424TDA-5M2-E EX440024TDA ERATE MIST 2	2S LIC & SUP 5YR
B-EX440048F-3M2-E EX440048F ERATE MIST 2S LIC & SUP 3YR B-EX440048F-5M2-E EX440048F ERATE MIST 2S LIC	LIC & SUP 5YR
EX4400 Ethernet B-EX440048FA-3M2-E EX440048FA ERATE MIST 2S LIC & SUP 3YR B-EX440048FA-5M2-E EX440048FA ERATE MIST 2S	S LIC & SUP 5YR
Switches B-EX440048FD-3M2-E EX440048FD ERATE MIST 2S LIC & SUP 3YR B-EX440048FD-5M2-E EX440048FD ERATE MIST 2S	
B-EX4448FDA-3M2-E EX440048FDA ERATE MIST 2S LIC & SUP 3YR B-EX4448FDA-5M2-E EX440048FDA ERATE MIST 2	
B-EX440048MP-3M2-E EX440048MP ERATE MIST 2S LIC & SUP 3YR B-EX440048MP-5M2-E EX440048MP ERATE MIST 2S	S LIC & SUP 5YR
B-EX440048P-3M2-E EX440048P ERATE MIST 2S LIC & SUP 3YR B-EX440048P-5M2-E EX440048P ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX440048T-3M2-E EX440048T ERATE MIST 2S LIC & SUP 3YR B-EX440048T-5M2-E EX440048T ERATE MIST 2S LIC	LIC & SUP 5YR
B-EX440048TA-3M2-E EX440048TA ERATE MIST 2S LIC & SUP 3YR B-EX440048TA-5M2-E EX440048TA ERATE MIST 2S	S LIC & SUP 5YR
B-EX440048TD-3M2-E EX440048TD ERATE MIST 2S LIC & SUP 3YR B-EX440048TD-5M2-E EX440048TD ERATE MIST 2S	S LIC & SUP 5YR
B-EX4448TDA-3M2-E EX440048TDA ERATE MIST 2S LIC & SUP 3YR B-EX4448TDA-5M2-E EX440048TDA ERATE MIST 2	2S LIC & SUP 5YR
EX4600 Ethernet B-EX460040FI-3M2-E EX460040FAFI ERATE MIST 2S LIC & SUP 3YR B-EX460040FI-5M2-E EX460040FAFI ERATE MIST 2	2S LIC & SUP 5YR
Switches B-EX460040FO-3M2-E EX460040FAFO ERATE MIST 2S LIC & SUP 3YR B-EX460040FO-5M2-E EX460040FAFO ERATE MIST	2S LIC & SUP 5YR

Family	Three-Year Term		Five-Year Term		
	Part Number	Description	Part Number	Description	
EX4650 Ethernet Switches	B-EX465048AI-3M2-E	EX465048AI ERATE MIST 2S LIC & SUP 3YR	B-EX465048AI-5M2-E	EX465048AI ERATE MIST 2S LIC & SUP 5YR	
	B-EX4650AO-3M2-E	EX4650AO ERATE MIST 2S LIC & SUP 3YR	B-EX4650AO-5M2-E	EX4650AO ERATE MIST 2S LIC & SUP 5YR	
	B-EX4650DAI-3M2-E	EX4650DAI ERATE MIST 2S LIC & SUP 3YR	B-EX4650DAI-5M2-E	EX4650DAI ERATE MIST 2S LIC & SUP 5YR	
	B-EX4650DAO-3M2-E	EX4650DAO ERATE MIST 2S LIC & SUP 3YR	B-EX4650DAO-5M2-E	EX4650DAO ERATE MIST 2S LIC & SUP 5YR	

Summary

Improving student achievement and outcomes while equipping students with 21st century skills is key to the education industry's digital transformation. The digital curriculum is driving unprecedented demand for bandwidth. With Juniper E-Rate-eligible offerings, schools and libraries now have attractive options for delivering an extraordinary learning experience to students while creating cutting-edge connected classrooms for teachers and staff, deploying reliable networks that offer more scalability, better security, less complexity, and lower TCO.

Next Steps

Contact your Juniper Networks representative or Juniper Networks partner to learn how we can help your school, school district, or library improve your broadband connections for digital learning, protect your network investments, and provide an attractive option for your E-Rate infrastructure project.

About Juniper Networks

At Juniper Networks, we are dedicated to dramatically simplifying network operations and driving superior experiences for end users. Our solutions deliver industry-leading insight, automation, security and Al to drive real business results. We believe that powering connections will bring us closer together while empowering us all to solve the world's greatest challenges of well-being, sustainability and equality.



Public Sector Solutions
1.800.800.0019
www.connection.com/Juniper

M1835486-0622

