Data Sheet

5320 Series Switches



Highlights

- Manageable by Extreme Platform ONE™, ExtremeCloud™ IQ, or ExtremeCloud IQ Site Engine
- Simplified network operations with automated end-to-end network segmentation using Extreme Fabric
- Choice of operating system (OS) with dual-persona Universal Hardware
- High-Performance 40G stacking enables multi-switch resiliency and simplified management at scale
- Extreme Platform ONE™ Security policy enforcement
- Automate and streamline switch provisioning and day-to-day operations with cloud-based instant actions

Key Hardware Features

- 30W PoE (Power over Ethernet) support for connected device power
- 4 x 10Gb SFP+ uplink ports on 16-port models
- 8 x 10Gb SFP+ uplink ports on 24- and 48-port models
- 2 x 10Gb SFP+ ports and 2 x 10Gb copper uplink ports on fanless model
- Silent operation up to 35°C (95°F) on 16-port models and up to 45°C (113°F) for fanless model
- Extended temperature range switch models (0°C–60°C/32°F-140°F)
- AC or DC power options on 16-port models with fans
- Stack up to eight switches with 40Gb per unit
- Secure link encryption with MACsec across both access and uplink ports
- Non-blocking wire speed design



Universal Edge Switches

The 5320 series is a family of high-performance, stackable multi-gig edge switches designed to simplify wired access for modern enterprise environments. Available in 16, 24, and 48 port models, the 5320 delivers secure, efficient connectivity across edge and wiring closet deployments while supporting 30W PoE (802.3at Power over Ethernet) for a wide range of endpoint devices. With native support for Extreme Fabric, cloud-based automation, and MACsec-secured ports, the 5320 brings security, segmentation, and operational simplicity to Enterprise access networks.

As a universal hardware platform, the 5320 offers a user selectable choice of Extreme's operating systems—Switch Engine or Fabric Engine—loaded at startup or automated through Extreme Platform ONE or ExtremeCloud IQ. This dual-persona flexibility ensures investment protection and operational consistency while enabling organizations to match the switch functionality to their architectural needs. The 5320 family also includes extended temperature models for deployments requiring hardened operation from 0°C to 60°C (32°F to 140°F), broadening its applicability across demanding environments.

The 5320 series provides numerous uplink configurations—including models with multiple SFP+ and copper 10Gb ports—and supports 40Gb stacking across up to eight switches, enabling scalable growth and resilient distributed switching at the edge. Combined with features such as zero touch onboarding, automated port configuration, and AI-assisted troubleshooting, the 5320 gives IT teams a powerful, easy-to-operate platform for building secure and efficient enterprise access networks.

Network Management Flexibility

The 5320 Universal Switch series are managed by Extreme Platform ONE or ExtremeCloud IQ from the cloud or on premises. Alternatively, 5320 on-box management can be done manually via a web-based GUI or generic command-line interface (CLI).

Extreme Platform ONE

Extreme Platform ONE is an enterprise connectivity platform that integrates networking and security with AI into one powerful and radically simplified experience and licensing model. It supports NetOps, SecOps, and business teams with built in automation and enables organizations to regain control, unlock innovation, and boost productivity through:

- One integrated experience that is easy to use.
- Automation through built-in AI boosts productivity, reducing cycle time for many tasks from hours to minutes.
- Simplified licensing that makes the solution as easy to buy as it is to use.
- AI-assisted workflows for configuration, deployment, and management.
- Extreme Fabric and third-party switch visualization and management in cloud.
- Inventory management simplifies budgeting, planning and compliance.

Extended Temperature Operation

The 5320 series offers 24- and 48-port switch models that support extended temperature operation of 0°C to 60°C. The 48-port switch model provides a combination of Fiber and Copper ports enabling flexible deployment use cases. Both switch models include 4 x 10G SFP+ for uplinks and/or stacking. The extended temperature switch models come with one fixed power supply and support an optional external Redundant Power Supply (RPS) as well.

Power over Ethernet (PoE)

All 5320 models support 30W PoE that conforms with IEEE 802.3at. This enables the 5320 to address the needs of powered edge devices, while eliminating the need for additional electrical cabling and circuits. In addition, 5320 PoE models support perpetual and fast PoE for even more efficient and reliable powered edge device operation.

Audio Video Bridging

The 5320 series supports IEEE 802.1 Audio Video Bridging (AVB)* when running Switch Engine OS. This allows 5320 models to deliver reliable, real-time audio/video transmission over Ethernet, meeting the quality of service required for today's high-definition, time-sensitive multimedia streams.

*The extended temperature switch models do not support this feature in their initial release.

Silent Operation

16-port 5320 models operate silently at temperatures up to 35°C/45°C (95°F/113°F), depending on the specific model. This makes these models ideal for noise-sensitive environments like classrooms, hospitality suites, or retail sites, especially outside of wiring closet environments.

Universal Hardware

The 5320 comes with a dual-persona capability, allowing you to choose your Operating System (OS). Either the Switch Engine (EXOS) or Fabric Engine (VOSS) OS can be selected at switch start-up or changed at a later stage. When selected, the switch assumes the features and capabilities of that OS. 5320 OS selection can also be automated with Extreme Platform ONE or ExtremeCloud IQ so that the desired OS can be automatically loaded at switch start-up, facilitating remote OS enablement.

Security

Extreme Universal hardware enables the extension and enforcement of Fabric and Extreme Platform ONE Security policies. Wherever users connect through the network, their access is secure and segmented. Extreme Platform ONE Security, which combines zero trust network and application access in a single solution, automatically configures devices to enforce security policy consistently. When used in concert with Extreme Fabric, Extreme Platform ONE Security becomes part of the fabric services that automate segmentation and allow the network to flex for efficiency and resiliency while maintaining a consistent, end-to-end security policy.

Network Fabric

The 5320 series switches support Extreme's network fabric natively for network virtualization, automation, and network security. Extreme Fabric is the industry's most simple, resilient, and secure end-to-end, enterprise network fabric solution. Fabric automates discovery and onboarding of network and user devices. Its sub-second convergence reduces unplanned downtime and maintenance windows. Automated microsegmentation and stealth topology enhance and automate network security across campus, data center, and branch. Fabric Engine support is included with all 5320 switch models.

Instant Onboarding

5320 series onboarding to the cloud is a hands-off operation using zero touch provisioning. Simply unpack the 5320 series switch, connect it to the network, and it automatically finds its connection to the cloud, ready to be provisioned. The ExtremeCloud Companion mobile app makes onboarding even easier with on-site cloud set-up and switch troubleshooting capabilities.

Instant Port*

Instant Port automates adds, moves, or changes across 5320 series switch ports, eliminating the need for manual port configuration. The 5320 series automatically detects the connected device and applies the correct port parameters. The result is significant time savings when adding or moving devices across the 5320 series wired network. A simple cloud interface allows Instant Port definitions of customer designated device types which can then be applied across a single switch, a stack or even all 5320 series switches in the network.

***Supported via Switch Engine only**

Instant Secure Port*

Instant Secure Port leverages Extreme Platform ONE Security for authentication and zero trust policy enforcement across the 5320 series switch ports, while providing the same add, move, and change automation features of Instant Port. By using Extreme Platform ONE Security's cloud-based capabilities, including RADIUS (Remote Authentication Dial-In User Service), unified visibility and reporting, as well as policy enforced locally on 5320 series ports, it greatly simplifies switch security. In doing so, it delivers a consistent and frictionless security experience for any user or device connecting through the 5320 series switch.

Note: Extreme Platform ONE Security requires a separate license.

Instant Stack*

Instant Stack simplifies cloud-based stack provisioning, enabling the entire switch stack to be set up through a single push-button operation. Real-world stack information, including each switch model and their stack order is captured and replicated in the cloud. Once set up, the entire stack is then ready to be cloud provisioned.

External Interfaces

Switch Model	Interfaces
5320-16P-2MXT-2X	• 16 x 10/100/1000BASE-T 802.3at (30W) ports ○ Full / Half-Duplex (autosensing) • 2 x 1/2.5/5/10GBase-T uplink ports • 2 x 10Gb SFP+ uplink ports • 1 x Serial console port (RJ-45) • 1 x USB A ports for management or external USB flash • 1 x USB-C console port • Fanless model

5320-16P-4XE	• 16 x 10/100/1000BASE-T 802.3at (30W) ports
	  ○ Full / Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

5320-16P-4XE-DC	• 16 x 10/100/1000BASE-T 802.3at (30W) ports
	  ○ Full / Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

5320-24T-8XE	• 24 x 10/100/1000BASE-T ports
	  ○ Full/Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 8 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	  ○ 100Mb operation supported on last 4 uplink ports
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

5320-24P-8XE	• 24 x 10/100/1000BASE-T 802.3at (30W) ports
	  ○ Full / Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 8 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	  ○ 100Mb operation supported on last 4 uplink ports
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

5320-48T-8XE	• 48 x 10/100/1000BASE-T ports
	  ○ Full/Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 8 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	  ○ 100Mb operation supported on last 4 uplink ports
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

5320-48P-8XE	• 48 x 10/100/1000BASE-T 802.3at (30W) ports
	  ○ Full/Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 8 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	  ○ 100Mb operation supported on last 4 uplink ports
	• 1 x Serial console port (RJ-45)
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port

Switch Model	Interfaces
5320-24T-4X-XT	• 24 x 10/100/1000BASE-T ports ○ Full/Half-Duplex (autosensing) • 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 1 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 0°C to 60°C operating temperature range

5320-24T-24S-4XE-XT	• 24 x 10/100/1000BASE-T ports
	  ○ Full/Half-Duplex (autosensing)
	  ○ MACsec-capable
	• 24 x 100Mb/1Gb SFP uplink ports
	  ○ MACsec-capable
	• 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports)
	  ○ MACsec-capable
	• 1 x Serial console port (RJ-45)
	• 1 x 10/100/1000BASE-T out-of-band management port
	• 1 x USB A ports for management or external USB flash
	• 1 x USB Micro-B console port
	• 0°C to 60°C operating temperature range

Performance and Scaling

Switch Model	Max Active 10/100/1000Mb ports	Max Active 1Gb/2.5Gb/5Gb/ 10Gb ports	Max Active 1Gb/10Gb SFP/SFP+ ports	Max Active 10Gb Stacking ports	Aggregated Switch Bandwidth	Max Frame Forwarding Rate
5320-16P-2MXT-2X	16	2	2	2	112 Gbps	83.3 Mpps
5320-16P-4XE	16	0	4	2	112 Gbps	83.3 Mpps
5320-16P-4XE-DC	16	0	4	2	112 Gbps	83.3 Mpps
5320-24T-8XE	24	0	8	2	208 Gbps	154.8 Mpps
5320-24P-8XE	24	0	8	2	208 Gbps	154.8 Mpps
5320-48T-8XE	48	0	8	2	256 Gbps	190.5 Mpps
5320-48P-8XE	48	0	8	2	256 Gbps	190.5 Mpps
5320-24T-4X-XT	24	0	4	2	128 Gbps	95.2 Mpps
5320-24T-24S-4XE-XT	24	0	24 x 100Mb/1Gb SFP 4 x 1Gb/10Gb SFP+	2	176 Gbps	131 Mpps

Software Scaling

Switch Engine

Attribute	5320-48P-8XE 5320-48T-8XE 5320-24T-24S-4XE-XT	5320-24P-8XE 5320-24T-8XE 5320-16P-4XE (AC & DC)	5320-24T-4X-XT	5320-16P-2MXT-2X
MAC Table	32,000	32,000	32,000	32000
IPv4 ARP Table	16,000	16,000	4,000	4000
IPv6 Neighbor Table	6,000	6,000	2,000	4000
VLANs	4,094	4,094	4,094	4094
IPv4 Route Table	12,000	8,000	1,000	992
IPv6 Route Table	6,000	4,000	500	496
IP Route Interfaces	1,533	509	509	1021
Multicast (S,G,V)	6,000	6,000	1,500	4000
VRF	1024	16 local-only	16 local-only	16 local-only
ACL, Ingress	8K	8K	2K	2048 (single-wide)
ACL, Egress	1K	512	512	512 (single-wide)
Policy Profiles	63	63	63	63
Policy Profile Rules ACL/Traditional	4,024/1,976	4,024/1,976	952/440	440/184

Fabric Engine

Attribute	5320-48P-8XE 5320-48T-8XE	5320-24P-8XE 5320-24T-8XE 5320-16P-4XE (AC & DC)	5320-24T-24S-4XE-XT	5320-24T-4X-XT	5320-16P-2MXT-2X
MAC Table (without Fabric enabled)	32,000	32,000	32000	32000	32,000
MAC Table (with Fabric enabled)	16,000	16,000	16000	16000	16,000
IPv4 ARP Table	15,000	8,000	15000	4000	4,000
IPv6 Neighbor Table	6,000	6,000	8000	2000	4,000
VLANs	4,059	4,059	4059	4059	4,059
IPv4 Route Table	12,000	8,000	12,000	1000	1,000
IPv6 Route Table	6,000	4,000	6000	1000	500
IP Route Interfaces	248	248	248	248	248
Multicast (S,G,V)	4,000	2,000	4000	500	4,000
VRF	24	1	64	8	8
ACL, Ingress	1,024	1,024	IPv4 1024, IPv6 1024	IPv4 1024, IPv6 1024	512
ACL, Egress	400	190	IPv4 400, IPv6 256	IPv4 190, IPv6 190	190
Max Fabric nodes	500	500	500	128	300
L2VSN	500	250	500	64	128
L3VSN	64	1	64	8	8

Weights and Dimensions

Switch Model	Weight	Physical Dimensions
5320-16P-2MXT-2X	3.3 kg (7.3 lb)	Height: 43.2 mm (1.7 in.) Width: 269.2 mm (10.6 in.) Depth: 236.2 mm (9.3 in.)
5320-16P-4XE	3.0 kg (6.6 lb)	Height: 43.2 mm (1.7 in.) Width: 309.9 mm (12.2 in.) Depth: 299.7 mm (11.8 in.)
5320-16P-4XE-DC	3.0 kg (6.6 lb)	
5320-24T-8XE	3.7 kg (8.2 lb)	Height: 43.2 mm (1.7 in.) Width: 439.4 mm (17.3 in.) Depth: 279.4 mm (11.0 in.)
5320-24P-8XE	4.0 kg (8.8 lb)	
5320-48T-8XE	4.2 kg (9.3 lb)	Height: 43.2 mm (1.7 in.) Width: 439.4 mm (17.3 in.) Depth: 279.4 mm (11.0 in.)
5320-48P-8XE	5.0 kg (11.0 lb)	Height: 43.2 mm (1.7 in.) Width: 439.4 mm (17.3 in.) Depth: 330.20 mm (13.0 in.)
5320-24T-4X-XT	3.2 kg (7.1 lb)	Height: 43.5 mm (1.7 in.) Width: 441.0 mm (17.3 in.) Depth: 253.8 mm (10.0 in.)
5320-24T-24S-4XE-XT	4.0 kg (8.8 lb)	Height: 43.5 mm (1.7 in.) Width: 441.0 mm (17.3 in.) Depth: 253.8 mm (10.0 in.)

Minimum/Maximum Power Consumption and Heat Dissipation

Switch Model	Minimum Power Consumption (W)	Minimum Heat Dissipation (BTU/hr)	Maximum Power Consumption (W)*	Maximum Heat Dissipation (BTU/hr)**
5320-16P-4XE	17	57	246	208
5320-16P-4XE-DC	20	67	260	256
5320-16P-2MXT-2X	12.5	43	218	75
5320-24T-8XE	18	60	50	171
5320-24P-8XE	21	70	480	375
5320-48T-8XE	25	85	64	217
5320-48P-8XE	30	104	924	629
5320-24T-4X-XT	14	35	49	119
5320-24T-24S-4XE-XT	25	96	87	328

* Includes maximum PoE load (W) through the switch
** Does not include PoE load heat dissipated through external electronic load

Max PoE Power Budget

Switch Model	PoE Budget
5320-16P-4XE	185W
5320-16P-4XE-DC	185W
5320-16P-2MXT-2X	180W
5320-24P-8XE	370W
5320-48P-8XE	740W

Acoustic Noise

Switch Model	Bystander Sound Pressure (dB(A))	Declared Sound Power (Bels)
5320-16P-2MXT-2X	N/A (Fanless Model)	
5320-16P-4XE	All ports link up with full traffic, 8 PoE ports	
	Fan off 0°C to 35°C (32°F to 95°F) 19.8 (35°C to 40°C)	Fan off 0°C to 35°C (32°F to 95°F) 2.94 (35°C to 40°C)
5320-16P-4XE-DC	All ports link up with full traffic, 8 PoE ports	
	Fan off 0°C to 35°C (32°F to 95°F) 19.0 (35°C to 40°C)	Fan off 0°C to 35°C (32°F to 95°F) 2.91 (35°C to 40°C)
5320-24T-8XE	All ports link up with full traffic, 0°C to 35°C (32°F to 95°F)	
	19.5	2.86
5320-24P-8XE	All ports link up with full traffic, 12 PoE ports, 0°C to 35°C (32°F to 95°F)	
	20.3	2.86
5320-48T-8XE	All ports link up with full traffic	
	20.8	2.90
5320-48P-8XE	All ports link up with full traffic, 50% PoE budget load, 0°C to 35°C (32°F to 95°F)	
	20.9	2.87

Redundant Power Supply (RPS) Model	Bystander Sound Pressure (dB(A))	Declared Sound Power (Bels)
RPS-150W-XT	65	7.59

Product Specifications

Environmental

Environmental Specifications

- EN/ETSI 300 019-2-1 v2.1.2 - Class 1.2 Storage
- EN/ETSI 300 019-2-2 v2.1.2 - Class 2.3 Transportation
  EN/ETSI 300 019-2-3 v2.1.2 - Class 3.1e Operational
- EN/ETSI 300 753 (1997-10) - Acoustic Noise
- ASTM D3580 Random Vibration Unpackaged 1.5 G

Environmental Compliance

- EU RoHS - 2011/65/EU
- EU WEEE - 2012/19/EU
- EU REACH – Regulation (EC) No 1907/2006 Reporting
- China RoHS - SJ/T 11363-2006
- Taiwan RoHS - CNS 15663 (2013.7)

Environmental Operating Conditions

- Temp: 0°C to 50°C (32°F to 122°F)
- Temp: 0°C to 60°C (32°F to 140°F) for extended temperature models
- Temp: 0°C to 45°C (32°F to 113°F) for 5320-16P-2MXT-2X
- Humidity: 5% to 95% relative humidity, non-condensing
- Altitude: 0 to 3,000 meters (9,850 feet)
- Shock (half sine): 300 m/s^2 (30 G), 11 ms, 3 axes, 6 shocks/axis
- Random vibration: 3 to 500 Hz at 1.5 G rms
- Accelerations: 3 Hz @ +10dB/Octave PSD, 10 Hz @.006 PSD, 500 Hz @.006 PSD

Packaging and Storage Specifications

- Temp: -40°C to 70°C (-40°F to 158°F)
- Humidity: 5% to 95% relative humidity, non-condensing
- Packaged Shock (half sine): 3 axes, 100 shocks each axis (+/-), 180 m/s^2 (18 G)
- Packaged Vibration: 5 Hz to 20 Hz @ .01 g^2/Hz (PSD), 20 to 500 Hz @-3 dB/Octave (PSD)
- Packaged Random Vibration: 5 Hz to 62 Hz, 5 mm/s velocity, 62 Hz to 500 Hz, 2.0 m/s^2, 5 sweeps of each axis (15 total), Sweep Rate = 1 Octave/min
- Packaged Drop: Height at 42 inches for product <10 kg, 13 drops including 6 surfaces, 3 edges and 4 corners

IEEE 802.3 Media Access Standards

- IEEE 802.3ab 1000BASE-T
- IEEE 802.3at PoE
- IEEE 802.3ae 10GBASE-X
- IEEE 802.3az Energy Efficient Ethernet

Regulatory and Safety

North American ITE

- UL 60950-1
- UL/CuL 62368-1 Listed
- CSA 22.2 No. 60950-1 2nd edition 2014 (Canada)
- Complies with FCC 21CFR 1040.10 (U.S. Laser Safety)
- CDRH Letter of Approval (US FDA Approval)

European ITE

- EN 60950-1 2nd Edition
- EN 62368-1
- EN 60825-1 Class 1 (Lasers Safety)
- 2014/35/EU Low Voltage Directive

International ITE

- CB Report and Certificate per IEC 60950-1
- CB Report and Certificate IEC 62368-1
- AS/NZS 60950-1 (Australia/New Zealand)

EMI/EMC Standards

North American EMC for ITE

- FCC CFR 47 Part 15 Class A (USA)
- ICES-003 Class A (Canada)

European EMC Standards

- EN 55032 Class A
- EN 55024
- EN 61000-3-2,2014 (Harmonics)
- EN 61000-3-3 2013 (Flicker)
- EN 300 386 (EMC Telecommunications)
- 2014/30/EU EMC Directive

International EMC Certifications

- CISPR 32, Class A (International Emissions)
- AS/NZS CISPR32
- CISPR 24 Class A (International Immunity)
- IEC 61000-4-2/EN 61000-4-2 Electrostatic Discharge, 8kV Contact, 15 kV Air, Criteria B
- IEC 61000-4-3/EN 61000-4-3 Radiated Immunity 10V/m, Criteria A
- IEC 61000-4-4/EN 61000-4-4 Transient Burst, 2 kV, Criteria B
- IEC 61000-4-5/EN 61000-4-5 Surge, 2 kV L-L, 2 kV L-G, Level 3, Criteria B IEC 61000-4-6 Conducted Immunity, 0.15-80 MHz, 10V/rms, 80%AM (1kHz), Criteria A
- IEC/EN 61000-4-11 Power Dips and Interruptions, >30%, 25 periods, Criteria C

Country Specific

- VCCI Class A (Japan Emissions)
- ACMA RCM (Australia Emissions)
- CCC Mark (China)
- KCC Mark, EMC Approval (Korea)
- BSMI (Taiwan)
- Anatel (Brazil)
- NoM (Mexico)
- EAC (Russia, Belarus, Kazakhstan)
- NRCS (South Africa)

Ordering Notes

Customers ordering a 5320 series switch receive the hardware switch along with a Base software license, integrated power supply, fan module and rack-mount kit.* Optical transceivers, console cables, power cords, Premier licenses, and MACsec licenses must be ordered separately.

*Please note that the 5320-16P-2MXT-2X does not include a Rack Mount Kit. The mounting kit must be ordered separately for this model.

Base Software and Optional Premier License

The Base software included with each 5320 unit supports most available software features. Certain features, however, require a Premier License to operate. A Premier license is available in two forms – a perpetual license or included as part of an Extreme Platform ONE Standard subscription license.

For **Switch Engine,** a Premier License is required for:

- 5 or more OSPF interfaces
- PIM DM/PIM SSM
- Anycast RP (Rendezvous Point)
- Multicast Source Discovery Protocol (MSDP)
- IS-IS/BGP4/MBGP
- GRE Tunneling
- Ethernet VPN (EVPN)

For **Fabric Engine**, a Premier License is required for:

- 5 or more OSPF active interfaces
- 3 or more BGP Peers
- Layer 3 Virtual Service Networks (L3 VSNs)*

*5320 16- and 24-port models do not require a Premier License for the single L3 VSN supported in these models.

Ordering Information

5320 Switches

Part Number	Product Name	Description
5320-16P-2MXT-2X	5320 16-port 30W PoE Switch w/AC Power	5320 Universal Switch with 16 x 10/100/1000 BASE-T Full/Half-Duplex ports, 802.3at 30W PoE ports, 2x1G/2.5G/5G/10G Base-T uplink ports, 2 x 1/10Gb SFP+ uplink ports, 1 internal fixed AC PSU, Fanless, Rack Mount or Wall Mount kit ordered separately.
5320-16P-2MXT-2X-TAA	5320 16-port 30W PoE Switch w/AC Power	5320 Universal Switch with 16 x 10/100/1000 BASE-T Full/Half-Duplex ports, 802.3at 30W PoE ports, 2x1G/2.5G/5G/10G Base-T uplink ports, 2 x 1/10Gb SFP+ uplink ports, 1 internal fixed AC PSU, Fanless, Rack Mount or Wall Mount kit ordered separately. TAA Compliant
5320-16P-4XE	5320 16-port 30W PoE Switch w/AC Power	5320 Universal Switch with 16 x 10/100/1000BASE-T Full / Half-Duplex ports, 802.3at 30W PoE ports, 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan module (fan-off mode up to 35°C/95°F), 2-post rack-mount kit, Base software license.
5320-16P-4XE-DC	5320 16-port 30W PoE Switch w/DC Power	5320 Universal Switch with 16 x 10/100/1000BASE-T Full / Half-Duplex ports, 802.3at 30W PoE ports, 4 x 1/10Gb SFP+ uplink ports (includes 2 x Stacking ports @10Gb), 1 internal fixed DC PSU, fixed fan module (fan-off mode up to 35°C/95°F), 2-post rack-mount kit, Base software license.
5320-24T-8XE	5320 24-port Switch	5320 Universal Switch with 24 x 10/100/1000BASE-T Full / Half-Duplex ports, 8 x 1/10Gb SFP+ ports (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan modules, 2-post rack-mount kit, Base software license.
5320-24P-8XE	5320 24-port 30W PoE Switch	5320 Universal Switch with 24 x 10/100/1000BASE-T Full / Half-Duplex ports, 802.3at 30W PoE ports, 8 x 1/10Gb SFP+ ports (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan modules, 2-post rack-mount kit, Base software license.
5320-48T-8XE	5320 48-port Switch	5320 Universal Switch with 48 x 10/100/1000BASE-T Full / Half-Duplex ports, 8 x 1/10Gb SFP+ ports (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan modules, 2-post rack-mount kit, Base software license.
5320-48P-8XE	5320 48-port 30W PoE Switch	5320 Universal Switch with 48 x 10/100/1000BASE-T Full / Half-Duplex ports, 802.3at 30W PoE ports, 8 x 1/10Gb SFP+ ports (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan modules, 2-post rack-mount kit, Base software license.

Extended Temperature Switches

Part Number	Product Name	Description
5320-24T-4X-XT	5320 24-port Extended Temperature Switch	5320 24-port Extended Temperature (0°C–60°C) switch with 24 x 10/100/1000BaseT ports, 4 x 1/10Gb SFP+ ports. Includes fans, 1 fixed AC PSU with option to add external redundant PSU. Note: This model does not support MACsec.
5320-24T-24S-4XE-XT	5320 48-port Extended Temperature Switch	5320 24-port Extended Temperature (0°C–60°C) switch with 24 x 10/100/1000BaseT ports, 24 x 100Mb/1Gb SFP ports, 4 x 1/10Gb SFP+ ports, MACsec capable. Includes fans, 1 fixed AC PSU with option to add external redundant PSU.

Mounting

Part Number	Product Name	Description
XN-2P-RMKIT-006	2 Post Rack Mount Kit for 5320 24/48 port switches	Spare two post rack mount kit for 5320 series 24 and 48 port switches. Includes brackets for front or mid-mount of chassis in a two-post rack.
XN-2P-RMKIT-007	2 Post Rack Mount Kit for 5320 16 port switches (2RU)	Spare two post rack mount kit for 5320 series 16 port switches. Includes brackets for front or mid-mount of chassis in a two-post rack (2RU).
XN-2P-RMKIT-011	2 Post Rack Mount Kit for 5320 16 port switches (1RU)	Spare two post rack mount kit for 5320 series 16 port switches. Includes brackets for front or mid-mount of chassis in a two-post rack (1RU).
XN-2P-RMKIT-008	2 Post Rack Mount Kit for 5320- XT switches	Spare two post rack mount kit for 5320 series extended temperature switches. Includes brackets for front or mid-mount of chassis in a two-post rack.
XN-2P-RMKIT-003	Single RPS Mount	Rack mount kit to mount single RPS-150W-XT external redundant power supply
16572	Dual RPS Mount	Rack mount kit to mount two RPS-150W-XT external redundant power supplies, side by side
XN-WMKIT-002	Wall Mount for 5320-16P-2MXT-2X	Wall mount kit for 5320-16P-2MXT-2X
XN-2P-RMKIT-012	2P Rack Mount for 5320-16P-2MXT-2X	Two post rack mount kit for 5320-16P-2MXT-2X
XN-DIN-MT-002	DIN Rail Mount for 5320-16P-2MXT-2X	DIN Rail mount kit for 5320-16P-2MXT-2X
XN-UTMKIT-001	Under table mount kit for 5320-16P-2MXT-2X	Under Table mount kit for 5320-16P-2MXT-2X

Accessories

Part Number	Product Name	Description
RPS-150W-XT	150W external redundant power supply for 5320 XT switches	150W external redundant power supply for 5320 XT switches, extended temperature. Includes RPS Cable. Single or Dual rack mount kit to be ordered separately.
RPS-CBL-1M-2x7	Spare RPS Cable	Spare RPS Cable for use with RPS-150W-XT
XN-RJ45-DB9-CONSOLE-CBL	RJ45 to DB9 Console cable	RJ45 to DB9 console cable 6ft
XN-RJ45-USBA-CONSOLE-CBL	RJ45 to USBA Console cable	RJ45 to USB 2.0 Type A male console cable 6ft
XN-RJ45-USBC-CONSOLE-CBL	RJ45 to USBC Console cable	RJ45 to USB-C console cable 6ft

Software Licenses

Part Number	Product Name	Description
5000-PRMR-LIC-P	Premier License for 5000 series	Perpetual Premier License for 5000 series switches
5000-MACSEC-LIC-P	MACsec License for 5000 series	Perpetual MACsec License for the 5000 series switches

Management Platform Software Subscriptions

Extreme Networks offers a simple, inclusive subscription program with Extreme Platform ONE. For additional details on subscriptions and product tiers, please refer to the Extreme Platform ONE data sheet.

Warranty

All 5320 series models are covered under Extreme's Universal LLW policy. For warranty details, please visit our Policies and Warranties page.

Power Cords

Power cords are not included with the 5320 in support of our green initiatives but can be ordered separately.

Console Cables

Console cables are not included with the 5320 in support of our green initiatives but can be ordered separately.

Optics/Transceivers

For a list of the optics and transceivers supported on the 5320 series hardware, refer to our Extreme Optics Compatibility Tool.

Support Services

Extreme offers a portfolio of services that adapts to your unique environment and technical support needs. Globally available technical support and professional services from our in-house team of experts provide the resiliency and optimization that accelerate your business and innovation.

Combined with Extreme Platform ONE agentic support tools and workflows, Extreme Services helps you to anticipate issues and identify risks before they impact your business. For more information, visit our Services page.

Certifications

For information on Industry, Security, and Government certifications for 5320 series models, contact your Sales Representative.

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