

# 5720 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
- Extreme Platform ONE Security policy enforcement
- Automated and streamlined switch provisioning and day-to-day operations with cloud-based instant actions

## Key Hardware Features

- 24 and 48-port multi-gig models with 100Mb/1Gb/2.5Gb/5Gb/10Gb Ethernet connectivity
- 30W, 60W, and 90W PoE (Power over Ethernet) support for powering Ethernet connected devices
- Choice of 6 x 1Gb/10Gb/25Gb port or 2 x 100Gb port modular uplink options
- High-performance 400Gb per unit stacking of up to eight switches
- Hot-swappable, redundant power supplies and fans
- Secure link encryption with MACsec across both access and uplink ports
- Non-blocking wire speed design



## Universal Edge/Aggregation Switches

The 5720 Series is a family of high-performance, feature-rich edge and aggregation switches designed for the next-generation digital enterprise. Available in 24 and 48-port gigabit and multi-gigabit models, the 5720 is based on a universal hardware solution, providing end-to-end secure network segmentation and advanced policy capabilities. Compatible with your choice of Extreme's flagship switch OS, the 5720 is uniquely flexible, stackable, and can be deployed across a range of edge, aggregation, and wiring-closet environments.

All models offer 90W PoE in support of NextGen powered Ethernet devices, such as digital signage, pan-tilt-zoom cameras, smart lighting, or point-of-sale terminals.

## Network Management Flexibility

The 5720 Universal Switch series are managed by Extreme Platform ONE or ExtremeCloud IQ from the cloud or on premises. Alternatively, 5720 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 that 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.

## Audio Video Bridging

The 5720 Series supports IEEE 802.1 Audio Video Bridging (AVB) when running Switch Engine OS. This allows 5720 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.

## High-Performance Stacking

The 5720 Series supports high-speed stacking when running Switch Engine via its two built-in QSFP28 stacking ports. Up to eight switches can be stacked using qualified SFP+/SFP-DD direct attach cables and optical transceivers. Stacking is not supported when running Fabric Engine.

## Power over Ethernet (PoE)

All 5720 Series models support 30W, 60W, and 90W PoE that conforms with IEEE 802.3bt. This enables the 5720 to address the needs of powered edge devices, while eliminating the need for additional electrical cabling and circuits. In addition, 5720 PoE models support perpetual and fast PoE for even more efficient and reliable powered edge device operation.

## Integrated Application Hosting

Some 5720 Series models support Extreme's Integrated Application Hosting\* which leverages the switch's hardware and software design to run onboard applications without impacting switch performance. 5720-24MXW and 5720-48MXW models can run a Guest VM directly on the switch, supporting third-party or customized applications to meet specific business or operational needs. This can provide additional network insight or enable new network applications without a separate hardware device.

\*Requires a Premier License

## Universal Hardware

The 5720 Series 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. 5720 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 into a single solution, automatically configures devices to enforce security policies with one click. When used in concert with Extreme Fabric, Extreme Platform ONE Security becomes part of the fabric services that automate segmentation and enable the network to flex for efficiency and resiliency while maintaining a consistent, end-to-end security policy.

## Network Fabric

The 5720 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 micro-segmentation and stealth topology enhance and automate network security across campus, data center, and branch. Fabric is included free with the purchase of the 5720, no additional licenses or controllers are required.

## Instant Onboarding

5720 Series onboarding to the cloud is a hands-off operation using zero touch provisioning. Simply unpack the 5720 Series switch, connect it to the network, and it automatically connects to the cloud, ready to be provisioned. New switches can be configured, one-by-one, with a few clicks. Instant Port, Instant Secure Port, and Instant Stack all further reduce time spent on deployment.

## Instant Port\*

Instant Port automates adds, moves or changes across 5720 Series switch ports, eliminating the need for manual port configuration. The 5720 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 5720 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 5720 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 5720 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 5720 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 5720 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
5720-24MW	<ul style="list-style-type: none"> <li>• 24 x 100M/1/2.5/5GBASE-T 802.3bt (90W) ports               <ul style="list-style-type: none"> <li>○ Full-Duplex</li> <li>○ MACsec-capable</li> </ul> </li> <li>• 2 x Stacking/QSFP28 ports (unpopulated)</li> <li>• 1 x Serial console port (RJ-45)</li> <li>• 1 x 10/100/1000BASE-T out-of-band management port</li> <li>• 2 x USB A ports for management or external USB flash</li> <li>• 1 x USB Micro-B console port</li> <li>• 1 x VIM slot</li> </ul>
5720-48MW	<ul style="list-style-type: none"> <li>• 48 x 100M/1/2.5/5GBASE-T 802.3bt (90W) ports               <ul style="list-style-type: none"> <li>○ Full-Duplex</li> <li>○ MACsec-capable</li> </ul> </li> <li>• 2x Stacking/QSFP28 ports (unpopulated)</li> <li>• 1x Serial console port (RJ-45)</li> <li>• 1x 10/100/1000BASE-T out-of-band management port</li> <li>• 2x USB A ports for management or external USB flash</li> <li>• 1x USB Micro-B console port</li> <li>• 1 x VIM slot</li> </ul>
5720-24MXW	<ul style="list-style-type: none"> <li>• 24 x 100M/1/2.5/5/10GBASE-T 802.3bt (90W) ports               <ul style="list-style-type: none"> <li>○ Full-Duplex</li> <li>○ MACsec-capable</li> </ul> </li> <li>• 2x Stacking/QSFP28 ports (unpopulated)</li> <li>• 1x Serial console port (RJ-45)</li> <li>• 1x 10/100/1000BASE-T out-of-band management port</li> <li>• 2x USB A ports for management or external USB flash</li> <li>• 1x USB Micro-B console port</li> <li>• 1 x VIM slot</li> <li>• 1 x SSD slot</li> </ul>
5720-48MXW	<ul style="list-style-type: none"> <li>• 48 x 100M/1/2.5/5/10GBASE-T 802.3bt (90W) ports               <ul style="list-style-type: none"> <li>○ Full-Duplex</li> <li>○ MACsec-capable</li> </ul> </li> <li>• 2x Stacking/QSFP28 ports (unpopulated)</li> <li>• 1x Serial console port (RJ-45)</li> <li>• 1x 10/100/1000BASE-T out-of-band management port</li> <li>• 2x USB A ports for management or external USB flash</li> <li>• 1x USB Micro-B console port</li> <li>• 1 x VIM slot</li> <li>• 1 x SSD slot</li> </ul>
5720-VIM-6YE	<ul style="list-style-type: none"> <li>• 6 x 1/10/25G SFP28 ports               <ul style="list-style-type: none"> <li>○ MACsec-capable</li> </ul> </li> </ul>
5720-VIM-2CE	<ul style="list-style-type: none"> <li>• 2 x 100Gb QSFP28 ports               <ul style="list-style-type: none"> <li>○ MACsec-capable</li> </ul> </li> <li>• 10/25/40Gb data rates supported via channelization</li> </ul>

## Performance and Scaling

Switch Model	Max Active 100Mb/1Gb/2.5Gb/5Gb ports	Max Active 100Mb/1Gb/2.5Gb/5Gb/10Gb ports	Max Active 10Gb SFP+ Ports <sup>1</sup>	Max Active 25Gb SFP28 Ports <sup>1</sup>	Max Active 40Gb QSFP+ Ports <sup>2</sup>	Max Active 50Gb ports <sup>3</sup>	Max Active 100Gb QSFP28 Ports <sup>2</sup>	Max Active 100Gb Stacking ports <sup>4</sup>	Aggregated Switch Bandwidth	Frame Forwarding Rate
5720-24MW	24	0	16	16	4	4	4	2	1040 Gbps	774 Mpps
5720-48MW	48	0	16	16	4	4	4	2	1280 Gbps	952 Mpps
5720-24MXW	0	24	16	16	4	4	4	2	1280 Gbps	952 Mpps
5720-48MXW	0	48	16	16	4	4	4	2	1760 Gbps	1309 Mpps

<sup>1</sup> When stacking is enabled, 8 of the 10Gb SFP+ and 8 of the 25Gb SFP28 ports are unavailable.

<sup>2</sup> When stacking is enabled, 2 of the 40Gb QSFP+ ports and 2 of the 100Gb ports are unavailable.

<sup>3</sup> 50Gb available only in Switch Engine mode via the two integrated stacking/QSFP28 ports; when stacking is enabled, the 50Gb ports are unavailable as uplinks.

<sup>4</sup> Stacking supported in Switch Engine mode only. Stacking ports can also run at 50Gb in support of cross-stacking with the 5520.

## Software Scaling

### 5720-MXW (24 and 48-port) with Switch Engine

- MAC Table: 294,000
- IPv4 ARP Table: 172,000
- IPv4 Route Table: 294,000
- IP Multicast Entries (S,G,V): 110,000
- IPv6 Neighbor Table: 78,000
- IPv6 Route Table: 218,000
- ACLs (Ingress/Egress): 38,864/2,048
- QoS Egress Queues/Port: 8
- VLANs: 4,094
- Routed VLANs: 4,094

### One Policy Scaling

- Policy Profiles: 63
- Unique permit/deny rules per switch: 16,312

### 5720-MW (24 and 48-port) with Switch Engine

- MAC Table: 163,000
- IPv4 ARP Table: 80,000
- IPv4 Route Table: 166,000
- IP Multicast Entries (S,G,V): 61,000
- IPv6 Neighbor Table: 24,000
- IPv6 Route Table: 109,000
- ACLs (Ingress/Egress): 18,432/2,048
- IPv6 Route Table: 8,192
- ACLs (Ingress/Egress): 6,144/3,072
- QoS Egress Queues/Port: 8
- VLANs: 4,059
- Routed VLANs: 1,000
- QoS Egress Queues/Port: 8
- VLANs: 4,094
- Routed VLANs: 4,094

### One Policy Scaling

- Policy Profiles: 63
- Unique permit/deny rules per switch: 12,216

### 5720-MXW (24 and 48-port) with Fabric Engine

- MAC Table: 164,000
- IPv4 ARP Table: 65,536
- IPv4 Route Table: 24,576
- IP Multicast Entries (S,G,V): 6,000
- IPv6 Neighbor Table: 32,768
- IPv6 Route Table: 12,288
- ACLs (Ingress/Egress): 8,192/6,144
- QoS Egress Queues/Port: 8
- VLANs: 4,059
- Routed VLANs: 1,000

### 5720-MW (24 and 48-port) with Fabric Engine

- MAC Table: 100,000
- IPv4 ARP Table: 24,600
- IPv4 Route Table: 16,384
- IP Multicast Entries (S,G,V): 6,000
- IPv6 Neighbor Table: 24,576

### Fabric Connect Scaling (All 5720 Models)

- Fabric Adjacencies per switch: 255
- BEB Nodes per VSN: 2,000
- L2 VSNs: 4,000
- L3 VSNs: 256

## Weights and Dimensions

Part Number	Weight	Physical Dimensions
5720-24MW	8.05 kg (17.75 lb.)	Height: 43.2 mm (1.7 in.) Width: 444.5 mm (17.5 in.) Depth: 525.8 mm (20.7 in.)
5720-48MW	8.55 kg (18.85 lb.)	
5720-24MXW	8.05 kg (17.75 lb.)	
5720-48MXW	8.55 kg (18.85 lb.)	
5720-VIM-6YE	0.24 kg (0.53 lb.)	Height: 40.6 mm (1.6 in.) Width: 50.8 mm (2.0 in.) Depth: 175.3 mm (6.9 in.)
5720-VIM-2CE	0.22 kg (0.49 lb.)	

## Power Supply Unit Specifications

Item	715W AC PSU	1100W AC PSU	2000W AC PSU*
Voltage Input Range (Nominal)	100-127/200-240 VAC	100-127/200-240 VAC	100-127/200-240 VAC
Line Frequency Range	50 Hz to 60 Hz	50 Hz to 60 Hz	50 Hz to 60 Hz
Power Supply Input Socket	IEC/EN60320 C16	IEC/EN60320 C16	IEC/EN60320 C16
Power Cord Input Plug	IEC/EN60320 C15	IEC/EN60320 C15	IEC/EN60320 C15
Operating Temperature	0°C to 55°C (32°F to 131°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F)

\* 200VAC-240VAC is required to achieve full 2000W output. If run at 100VAC-120VAC, output is limited to 1100W.

## Minimum/Maximum Power Consumption and Heat Dissipation

Switch Model	Minimum Power Consumption (W)	Minimum Heat Dissipation (BTU/hr)	Maximum Power Consumption <sup>1</sup> (W)	Maximum Heat Dissipation <sup>2</sup> (BTU/hr)
5720-24MW	86	293	2549	389
5720-24MXW	105	359	2576	416
5720-48MW	103	354	4078	543
5720-48MXW	105	359	4096	561

<sup>1</sup> Includes maximum PoE load (W) through the switch

<sup>2</sup> Does not include PoE load heat dissipated through external electronic load

## PoE Power Budget

Switch Model	1 x 715W	2 x 715W	1 x 1100W	2 x 1100W	1 x 2000W @ 110-132V AC	2 x 2000W @ 110-132V AC	1 x 2000W @ 220-264V AC	2 x 2000W @ 220-264V AC
5720-24MW	450W	1093W	835W	1825W	835W	1825W	1735W	2160W
5720-24MXW	450W	1093W	835W	1825W	835W	1825W	1735W	2160W
5720-48MW	450W	1093W	835W	1825W	835W	1825W	1735W	3535W
5720-48MXW	450W	1093W	835W	1825W	835W	1825W	1735W	3535W

Note: It is recommended that primary and secondary power supply units (PSUs) be of the same type to support optimal PoE operation.

## Fan and Acoustic Noise

Switch Model	Bystander Sound Pressure (dB)	Weighted Sound Power level (B)
5720-24MW	48.8	6.3
5720-48MW	55.1	6.7
5720-24MXW	48.5	6.3
5720-48MXW	54.7	6.7

# 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)
- Humidity: 5% to 95% relative humidity, non-condensing
- Altitude: 0 to 3,000 meters (9,850 feet)
- Shock (half sine) 30 m/s<sup>2</sup> (3G), 11ms, 60 shocks
- Random vibration: 3 to 500 Hz at 1.5G rms

### 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): 180 m/s<sup>2</sup> (18G), 6 ms, 600 shocks
- Packaged Vibration: 5 to 62 Hz at velocity 5 mm/s, 62 to 500 Hz at 0.2G Packaged Random Vibration: 5 to 20 Hz at 1.0 ASD w/-3 dB/oct. from 20 to 200 Hz
- Packaged Drop Height: 14 drops minimum on sides and corners at 42 inches (<15 kg box)

### Energy Star Certified Models\*

- 5720-24MW
- 5720-24MXW
- 5720-48MW
- 5720-48MXW



\*Energy Star Models must be ordered with Air Temp sensor ESTS01

### IEEE 802.3 Media Access Standards

- IEEE 802.3ab 1000BASE-T
- IEEE 802.3bz 2.5G/5G/10GBASE-T
- IEEE 802.3bt Type 4 PoE
- IEEE 802.3ae 10GBASE-X
- IEEE 802.3by 25GBASE-X
- IEEE 802.3ba/802.3bm 40GBASE-X and 100GBASE-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 & Certificate per IEC 60950-1
- CB Report & 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 & 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

When you order a 5720 switch, you will receive the base switch along with that base's software license, fan modules, and rack-mount kit.

Versatile Interface Modules (VIMs), power supplies, transceiver and optics, console cables, power cords, and Premier and/or MACsec licenses must be ordered separately. At least one Power Supply Unit (PSU) is required to operate 5720 models, and a second PSU is required for redundancy or additional power.

## Base Software and Optional Premier License

The Base software included with each 5720 unit supports the most available switch features. However, certain features require a Premier license to operate.

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

- Five or more OSPF interfaces
- Three or more BGP peers
- PIM DM / PM SSM
- Anycast RP (Rendezvous Point)
- Multi-Source Discovery Protocol (MSDP)
- IS-IS/BGP4/MBGP
- GRE Tunneling
- Ethernet VPN (EVPN)
- Integrated Application Hosting (once available)

### For Fabric Engine, a Premier license is required for:

- Five or more OSPF or RIP interfaces
- Three or more BGP peers
- Layer 3 Virtual Service Networks (L3 VSNs)
- Distributed Virtual Routing (DvR) Controller
- Integrated Application Hosting

## Ordering Information

### 5720 Systems

Part Number	Product Name	Description
5720-24MW	5720 24-port 100Mb/1Gb/2.5Gb/5Gb switch with 90W PoE	5720 Universal Switch with 24 x 100Mb/1Gb/2.5Gb/5Gb 802.3bt 90W PoE ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, MACsec-capable, includes 2 x unpopulated PSU slots, fan modules, 4-post rack mount kit, Base software license.
5720-48MW	5720 48-port 100Mb/1Gb/2.5Gb/5Gb switch with 90W PoE	5720 Universal Switch with 48 x 100Mb/1Gb/2.5Gb/5Gb 802.3bt 90W PoE ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, MACsec-capable, includes 2 x unpopulated PSU slots, fan modules, 4-post rack mount kit, Base software license.
5720-24MXW	5720 24-port 100Mb/1Gb/2.5Gb/5Gb/10Gb switch with 90W PoE	5720 Universal Switch with 24 x 100Mb/1Gb/2.5Gb/5Gb/10Gb 802.3bt 90W PoE ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, MACsec-capable, includes 2 x unpopulated PSU slots, fan modules, 4-post rack mount kit, Base software license.
5720-48MXW	5720 48-port 100Mb/1Gb/2.5Gb/5Gb/10Gb switch with 90W PoE	5720 Universal Switch with 48 x 100Mb/1Gb/2.5Gb/5Gb/10Gb 802.3bt 90W PoE ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, MACsec-capable, includes 2 x unpopulated PSU slots, fan modules, 4-post rack mount kit, Base software license.

### Versatile Interface Modules (VIM)

Part Number	Product Name	Description
5720-VIM-6YE	6-port SFP28 module MACsec-capable	5720 Versatile Interface Module with 6 x 1Gb/10Gb/25Gb SFP28 MACsec-capable ports
5720-VIM-2CE	2-port QSFP28 module MACsec-capable	5720 Versatile Interface Module with 2 x 100Gb QSFP28 MACsec-capable ports

## Accessories

Part Number	Product Name	Description
XN-ACPWR-715W-FB	715WAC PSU FB	715W AC Power Supply Module (PSU) – Front-to-Back airflow – also used in 5520, X465, and VSP 4900
XN-ACPWR-1100W-FB	1100WAC PSU FB	1100W AC Power Supply Module (PSU) – Front-to-Back airflow – also used in 5520, X465, and VSP 4900
XN-ACPWR-2000W-FB	2000W AC PSU FB	2000W AC Power Supply Module (PSU) – Front-to-Back airflow – also used in 5520, X465, and VSP 4900
XN-FAN-005-F	Spare Fan module	Spare fan module used in 5720 Series switches
ESTS01	Air Temperature Thermal Sensor	Ambient Air Temperature Sensor for Energy Star (USB)
XN-SSD-002-120	120GB SSD Module	120Gb Solid-State Drive (SSD) module for use with Integrated Application Hosting on the 5720-24MXW and 5720-48MXW model switches
XN-2P-RKMT299	Optional Two-Post Rack Mount Kit	Optional Two-Post rack mount kit for use with 5720 Series switches
XN-4P-RKMT302	Spare Four-Post Rack Mount Kit	Spare Four-Post rack mount kit for use with 5720 Series switches
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 the 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 5720 Series models are covered under Extreme's Universal LLW policy. For warranty details, visit our [Policies and Warranties page](#).

## Power Cords

Power cords are not included with the 5720 in support of our green initiatives but can be ordered separately.

## Console Cables

Console cables are not included with the 5720 in support of our green initiatives but can be ordered separately.

## Optics/Transceivers

For a list of the optics and transceivers supported on the 5720 Series hardware, refer to our [Extreme Optics Compatibility Tool](#).

## Maintenance Services

Extreme's maintenance and support services are provided by in-house engineering experts. We have a rate of over 90% first-person resolution, ensuring efficient operation of your business-essential network.

With 24x7x365 phone support, advanced parts replacement, and on-site support, we augment your staff with expert resources to help you mitigate critical network issues fast. Visit [Extreme Maintenance Services](#) for more information.

## Certifications

For information on Industry, Security, and Government certifications for 5720 Series models, contact your Sales Representative.

