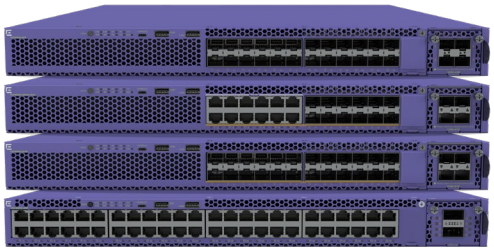
Highlights

- Fixed-form switch for virtualized branch and network edge applications
- Leverages Extreme Fabric Connect to simplify the network, while helping segment traffic to meet regulatory/ security needs
- Native Fabric Extend support enables transparent extension of Fabric Connect services over 3rd-party networks
- Multiple models supporting 1GbE 30W PoE, 1Gb/10GbE SFP/SFP+ fiber and 1/2.5/5/10GbE multi-rate 60W PoE access ports
- Flexible 10Gb/25Gb/40Gb inter-switch or uplinks via optional VIM modules
- Compact 1U form factor
- Non-blocking, wire-speed switching architecture
- Extreme Integrated Application Hosting on selected models to support VM-based third-party applications
- MACsec on 10/100/1000 and 10Gb access ports as well as modular uplink ports for secure link encryption
- Hot-swappable, redundant power supplies and fans
- Supports both Fabric Connect and/or onventional Routed IP networking deployments



Virtual Services Platform 4900 Series

Enhance Your Network with an Extreme Fabric Connect Edge/Aggregation Device

The Virtual Services Platform (VSP) 4900 Series is the next generation of Extreme Fabric Connect fixed-form factor switches designed for network edge and aggregation deployments. Providing high-performance, resilient and secure Gigabit/multi-Gigabit Ethernet connectivity, the VSP 4900 enables end-to-end fabric services from network edge to aggregation to core, along with transparent extension of fabric services to the branch. Its advanced capabilities enable full-featured network virtualization to be flexibly deployed across a range of network environments.

The VSP 4900 Series is available in four model variants to address a range of campus, remote site and/or multi-service needs.

- **VSP4900-48P:** 48 x 10/100/1000MbE with 30W PoE+ and MACsec-capable ports
- **VSP4900-24S:** 24 x 1G SFP ports
- **VSP4900-24XE:** 24 x 1/10GbE SFP+ MACsec (256-bit) capable ports
- **VSP4900-12MXU-12XE:** 12 x 100M/1G/2.5G/5G/10GbE ports with 60W PoE, plus 12 x 1/10GbE SFP+ MACsec (256-bit) capable ports

All models above also support modular uplinks – at 10Gb, 25Gb and 40Gb – for flexible linkage to other switches or devices over a range of media.

Extreme Fabric Connect

The VSP 4900 natively supports the Extreme Fabric Connect technology. Based on an extended implementation of the Shortest Path Bridging (SPB) standards of IEEE 802.1aq and IETF RFC 6329, Fabric Connect offers the ability to create a virtualized network that simplifies network provisioning and reduces the strain on network and IT personnel.

Fabric Connect features supported on the VSP 4900 Series include: L2 Virtual Service Networks (VSNs), Layer 3 Virtual Service Networks, Inter-VSN Routing, IPv4/ IPv6 IP Shortcuts, IP Multicast over Fabric Connect, Fabric Extend and Fabric Attach Server.

Fabric Extend

The VSP 4900 also natively supports Fabric Extend that enables it to extend Fabric Connect services over an intermediate 3rd-party network -- whether Layer 2 or Layer 3-based. With Fabric Extend, enterprises can, for example, connect two Fabric Connect environments (or islands) over a Service Provider WAN, such as MPLS or Ethernet WAN. Fabric Connect simplified provisioning and virtualization services can then be transparently extended across the 3rd-party network.

Advanced Layer 3 Services

The VSP 4900 Series also supports advanced Layer 3 services that enable it to satisfy conventional IP routing deployments, in addition to its fabric-based services. Layer 3 services include IPv4 and IPv6 dynamic routing, as well as IP multicast services.

Specific IP routing technologies supported include RIPv1/2, RIPng, OSPFv2/v3, BGP/ BGP+ and VRF. Multicast services include PIM-SM/ SSM, IGMP v1/v2/v3, as well as Fabric Connect to PIM gateway. The VSP 4900 also supports Distributed Virtual Routing (DvR) leaf services.

Power Over Ethernet

VSP 4900-48P and VSP 4900-12MXU-12XE models offer Power over Ethernet (PoE) to address the needs of powered edge devices. The VSP 4900-48P supports IEEE 802.3at (30W) PoE on its 48 x 1Gb ports; and the VSP 4900-12MXU-12XE supports IEEE 802.3bt (60W) PoE on its 12 multi-rate ports. Both VSP 4900 models also support fast PoE and perpetual PoE capabilities for faster start-up and more continuous operation of connected, PoE-powered end-points.

Extreme Integrated Application Hosting

Extreme's Integrated Application Hosting leverages an innovative combination of VSP 4900 Series operating software and hardware features to provide extended services without impact to switching or network performance. Available on VSP4900-12MXU-12XE and VSP4900-24XE models, this flexible and open solution enables organizations to run a Guest VM on the VSP 4900 system. Organizations can then use the Guest VM to deploy their choice of Extreme-provided or third-party application/ tools for real-time visibility or to meet specific business or operational needs across the network. This can help improve network visibility and performance, while reducing operational costs.

MACsec Link Encryption

The VSP 4900 supports IEEE 802.1AE MACsec on its access ports, as well as on its modular uplink ports. MACsec is a hop-by-hop security capability which encrypts/ decrypts packets between connected switches or devices. As a link-only encryption, the switches can still apply services to the packet, such as policy or QoS, without compromising the security of packets across the link. With support for both 128-bit and 256-bit Advanced Encryption Standard (AES) support, the VSP 4900 provides the most secure link encryption.

VIM Options for Flexible Uplinks

The VSP 4900 supports Versatile Interface Modules (VIM) for its uplink ports and has a single VIM slot that can be optionally used for this purpose. VIM options include 2 and 4-port modules that support 10Gb, 25Gb and 40Gb data rates.

Management

The VSP 4900 can be managed in a variety of ways. Simple on-box management functions are delivered by a web-based GUI and a generic CLI is available for manual configuration.

ExtremeCloudTM IQ along with Extreme Management Center (XMC) also provide a comprehensive unified management capability with a consolidated view of users, devices and applications for both wired and wireless networks. Remote provisioning lets one quickly bring new VSP 4900 switches online and a granular view of devices ports and users enables efficient inventory and network topology management.

Product Specifications

Performance and Scale

Switch Model	Max Active 10/100/ 1000Mb Ports	Max Active 100M/1Gb/ 2.5Gb/5Gb/ 10Gb Ports	Max Active 100M/1Gb SFP ports	Max Active 1/10Gb SFP+ ports	Max Active 10/ 25Gb SPF28 ports	Max Active 40Gb QSFP+ ports*	Aggregated Switch Bandwidth	Frame Forwarding Rate
VSP4900-48P	48	0	0	4	2	1	196 Gbps	145.8 Mpps
VSP4900-24S	0	0	24	4	2	1	148 Gbps	110.1 Mpps
VSP4900-24XE	0	0	0	28	4	2	680 Gbps	505.9 Mpps
VSP4900-12MXU-12XE	n/a	12	0	16	4	2	680 Gbps	505.9 Mpps

* 40Gb ports on the VIM5 module can also be broken out individually into 4 x 10Gb ports.

External Ports/Slots

Part Number	Max Active 10/100/1000Mb Ports
Switches	
VSP4900-48P	48 x 10/100/1000BASE-T 802.3at (30w) ports • Full / Half-Duplex • MACsec capable (128-bit) 1 x Serial (console port RJ-45) 1 x 10/100/1000BASE-T out-of-band management port 1 x USB Micro-B management port 2 x USB A ports for external USB flash 1 VIM5 slot
VSP4900-24S	24 x 100/1000BASE-X SFP ports (unpopulated) 1 x Serial (console port RJ-45) 1 x 10/100/1000BASE-T out-of-band management port 1 x USB Micro-B management port 2 x USB A ports for external USB flash 1 VIM5 slot
VSP4900-24XE	24 x 1/10GBASE-X SFP+ ports (unpopulated) • LRM and MACsec capable (256-bit) 1 x Serial (console port RJ-45) 1 x 10/100/1000BASE-T out-of-band management port 1 x USB Micro-B management port 2 x USB A ports for external USB flash 1 VIM5 slot
VSP4900-12MXU-12XE	12 x 100M/1/2.5/5/10GBASE-T 802.3bt Type3 (60w) ports 12 x 1/10GBASE-X SFP+ ports (unpopulated) • MACsec capable (256-bit) 1 x Serial (console port RJ-45) 1 x 10/100/1000BASE-T out-of-band management port 1 x USB Micro-B management port 2 x USB A ports for external USB flash 1 VIM5 slot
VIM Modules	
VIM5-4X	4 x 1/10GBASE-X SFP+ (unpopulated ports)
VIM5-4XE	4 x 1/10GBASE-X SFP+ (unpopulated ports) • LRM capable • MACsec capable (256-bit)
VIM5-4YE	4 x 10/25GBASE-X SFP28 (unpopulated ports) • MACsec capable (256-bit)
VIM5-2Q	2 x 40GBASE-X QSFP+ (unpopulated ports)

Weights and Dimensions

Part Number	Weight	Physical Dimensions	
Switches			
		Chassis Only	With PSU
VSP4900-48P	18.49 lb / 8.39 kg	17.34 in W / 1.7 in H / 19.23 in D 440m / 43.6mm / 488mm	17.34 in W / 1.7 in H / 19.93 in D 440mm / 43.6mm / 506mm
VSP4900-24S	18.01 lb / 8.17 kg		
VSP4900-24XE	16.89 lb / 7.66 kg		
VSP4900-12MXU-12XE	16.67 lb / 7.58 kg		
VIM Modules			
VIM5-4X	0.37 lb / 0.17 kg	1.92 in W / 1.61 in H / 5.76 in D 48.8mm / 40.8mm / 146.3 mm	
VIM5-4XE	0.41 lb / 0.19 kg		
VIM5-4YE	0.41 lb / 0.19 kg		
VIM-2Q	0.37 lb / 0.17 kg		
Power Supplies			
10953 (350W AC)	2.38 lb / 1.08 kg	3.25 in W / 1.56 in H / 11.3 in D 40mm / 82.5mm / 287mm	
10951 (715W AC)	2.55 lb / 1.16 kg		
10941 (1100W AC)	2.55 lb / 1.16 kg		
XN-ACPWR-2000W-F (2000W AC)	2.56 lb / 1.16kg	3.25 in W / 1.56 in H / 11.5 in D 40mm / 75mm / 292mm	

* Includes maximum PoE load (W) through the switch

Power Supply Unit Specifications

	10953	10951	10941	XN-ACPWR-2000W-F*
Voltage Input Range (Nominal)	100-127/200-240 VAC	100-127/200-240 VAC	100-127/200-240 VAC	100-127/200-240 VAC
Line Frequency Range	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz
Power Supply Input Socket	IEC/EN 60320 C14	IEC/EN 60320 C16	IEC/EN 60320 C16	IEC/EN 60320 C16
Power Cord Input Plug	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15
Operating Temperature	0˚ to 55˚C Normal Operation	0˚ to 50˚C Normal Operation	0˚ to 50˚C Normal Operation	0˚ to 55˚C Normal Operation

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

Power Supply Unit Specifications

	XN-ACPWR-350W-FB	XN-ACPWR-715W-FB	XN-ACPWR-1100W-FB	XN-ACPWR-2000W-FB*
Voltage Input Range (Nominal)	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Line Frequency Range	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz
Power Supply Input Socket	IEC/EN 60320 C14	IEC/EN 60320 C16	IEC/EN 60320 C16	IEC/EN 60320 C16
Power Cord Input Plug	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15
Operating Temperature	0˚ to 55˚C Normal Operation	0˚ to 55˚C Normal Operation	0˚ to 50˚C Normal Operation	0˚ to 50˚C Normal Operation

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

PoE Power Budget

Switch Model	1 x 715W PSU	2 x 715W PSU	1 x 1100W PSU	2 x 1100W PSU	1 x 2000W @ 200-240VAC	1 x 2000W @ 100-120VAC	2 x 2000 @ 200-240VAC	2x 2000W @ 100-120VAC
VSP4900-48P	460W	1045W	845W	1440W	1440W	845W	1440W	1440W
VSP4900-12MXU-12XE	TBD	720W	720W	720W	720W	720W	720W	720W

Minimum/Maximum Power Consumption and Heat Dissipation

Switch Model	Minimum Power Consumption (Watts)	Minimum Heat Dissipation (BTU/hr)	Maximum Power Consumption (Watts)*	Maximum Heat Dissipation (BTU/hr)**
VSP4900-48P	74	254	1746	1046
VSP4900-24S	52	179	173	590
VSP4900-24XE	80	271	207	707
VSP4900-12MXU-12XE	73	250	970	854

* Includes maximum PoE load (W) through the switch

** Does not include PoR load heat dissipated through external electronic load

Performance and Scale

Memory

VSP4900-48P and VSP4900-24S

- 2GB DRAM / 8GB eMMC NVRAM

VSP4900-12MXU-12XE and VSP4900-24XE

- 8GB DRAM / 8GB eMMC NVRAM

Layer 2

- MAC Address: up to 80,000
- Port-based VLANs: 4,059
- MSTP Instances: 12
- LACP Links per Group: 8 Active

Layer 3 IPv4 Routing Services

- ARP Entries: up to 32,000
- IP Routes: up to 15,488
- RIP Interfaces: 200
- OSPF Interfaces: 500
- BGP Peers: 256
- VRF Instances: up to 256
- Layer 3 IPv6 Routing Services
- Neighbors: up to 8,000
- IP Routes: up to 7,744
- RIPng Interfaces: 48
- OSPFv3 Interfaces: 500
- BGPv6 Peers: 256
- VRF Instances: up to 256

Multicast

- IGMP Interfaces: 4,059
- PIM Active Interfaces: 128
- MLD Interfaces: 4,059
- IP Multicast Streams: 6,000

Fabric Connect

- MAC Address: 40,000
- NNI Interfaces/Adjacencies: up to 255
- BEB Nodes per VSN: 500
- BCB/ BEB Nodes per Region: 550
- L2 Virtual Service Networks: 4,059
- L3 Virtual Service Networks: up to 256
- IP Shortcut Routes: IPv4 up to 15,488 and IPv6 7,488
- L2 Multicast Virtual Service Networks: 2,000
- L3 Multicast Virtual Service Networks: 256
- Maximum SGVs: 6,000

QoS and Filtering

- IPv4 ACE: 1536 (1024 Security + 512 QOS) Ingress and 248 Egress
- IPv6 ACE: 1024 Ingress and 256 Egress
- QoS priority queues- 8

Operations and Management

- Mirrored Ports: 49
- sFlow: up to 3100 samples per second
- Fabric RSPAN: 1,000 VLAN IDs

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 1.5G

Environmental Compliance

EU RoHS	2011/65/EU
EU WEEE	2012/19/EU
China RoHS	SJ/T 11363-2006
Taiwan RoHS	CNS 15663(2013.7)

Operating Conditions

Temp: 0° C to 45° C (32° F to 113° F)

Humidity: 10% to 95% relative humidity, non-condensing

Altitude: 0 to 3,000 meters (9,850 feet)

Shock (half sine) 30m/s2 (3G), 11ms, 60 shocks

Random vibration: 3 to 500 Hz at 1.5 G rms

Packaging and Storage Specifications

Temp: -40° C to 70° C (-40° F to 158° F)

Humidity: 10% to 95% relative humidity, non-condensing

Packaged Shock (half sine): 180 m/s2 (18 G), 6 ms, 600 shocks

Packaged Vibration: 5 to 62 Hz at velocity 5 mm/s, 62 to 500 Hz at 0.2 G

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)

Regulatory and Safety

North American ITE

UL 60950-1

UL 62368-1

Complies with FCC 21CFR 1040.10 (U.S. Laser Safety)

CDRH Letter of Approval (US FDA Approval)

CAN/CSA 22.2 No. 60950-1

CAN/CSA No. 22.2 62368-1-14

European ITE

EN 60950-1, EN 62368-1

EN 60825-1Class 1 (Lasers Safety)

2014 / 35/ EU Low Voltage Directive

International ITE

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

IEC 62368-1

GB 4943.1-2011

CNS 14336-1

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 v1.6.1 (EMC Telecommunications)

2014/30/EU EMC Directive

EN 55011 Class A

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 A

IEC 61000-4-3 /EN 61000-4-3 Radiated Immunity 10V/m, Criteria A

IEC 61000-4-4 / EN 61000-4-4 Transient Burst, 1 kV, Criteria A

IEC 61000-4-5 /EN 61000-4-5 Surge, 2 kV L-L, 2 kV L-G, Level 3, Criteria A

IEC 61000-4-6 Conducted Immunity, 0.15-80 MHz, 10V/m unmod. RMS, Criteria A

IEC/EN 61000-4-11 Power Dips & Interruptions, >30%, 25 periods, Criteria C

IEC 61000-4-8 / EN 61000-4-8

CISPER 11 Class A

GB/T 9254-2008

Country Specific

VCCI Class A (Japan Emissions)

ACMA RCM (Australia Emissions)

CCC Mark (China)

KCC Mark, EMC Approval (Korea)

EAC Mark (Custom Union)

NRCS / SABS Mark (South Africa

BSMI Mark (Taiwan)

Telecom Standards

CE 2.0 Compliant

IEEE 802.3 Media Access Standards

IEEE 802.3ab 1000BASE-T

IEEE 802.3ae 10GBASE-X

IEEE 802.3aq 10GBASE-LRM

25Gb Ethernet implemented per Ethernet Consortium specification and IEEE 802.3 standard

IEEE 802.3ba / 802.3bm 40GBASE-X

IEEE 802.3at PoE Plus

IEEE 802.3az Energy Efficient Ethernet

Ordering Notes

Many VSP 4900 Series systems are ordered and shipped as a bundled offering. The bundle includes the base VSP 4900 system along with a single Power Supply, Fan Modules and the VOSS operating system. (Note: "Unbundled" VSP 4900 systems without a PSU can also be ordered.) With all VSP 4900 systems, the VIM5 modules, additional power supply, power cords, transceiver/optics and optional Premier Software Licenses must be separately ordered.

Base Software and Licensing

VSP 4900 Series hardware models come with base software that provide most features available on the switch. Certain features, however, require a Premium Software license in order to operate. These include:

- Layer 3 Virtual Services Networks (L3 VSNs)
- 17 or more BGP peers
- 25 or more VRFs
- MACsec support
- Integrated Application Hosting*

* Integrated Application Hosting supported on VSP4900-24XE and VSP4900-12MXU-12XE models only.

Ordering Information

Part Number	Product Name	Product Description
VSP 4900 Systems		
VSP4900-48P	VSP4900-48P	VSP 4900 System with 48 x 10/100/1000Base-T full/half duplex 802.3at PoE (30W) MACsec-capable ports, includes 3 fan modules, 1 unpopulated VIM5 slot, 4 post rack mount kit, VOSS operating system (PSU must be ordered separately)
VSP4900-48P-B1	VSP4900-48P with 1100W PSU Bundle	VSP 4900 System with 48 x 10/100/1000Base-T full/half duplex 802.3at PoE (30W) MACsec-capable ports, includes 3 fan modules, 1 unpopulated VIM5 slot, 1 x 1100W PSU FB (10941), 4 post rack mount kit, VOSS operating system
VSP4900-48P-B1-4X	VSP4900-48P, VIM5-4X Bundle	VSP 4900 System with 48 x 10/100/1000Base-T full/half duplex 802.3at PoE (30W) MACsec-capable ports, includes 3 fan modules, 1 VIM5-4X module, 1 x 1100W PSU FB (10941), 4 post rack mount kit, VOSS operating system
VSP4900-48P-B1-4XE	VSP4900-48P, VIM5-4XE Bundle	VSP 4900 System with 48 x 10/100/1000Base-T full/half duplex 802.3at PoE (30W) MACsec-capable ports, includes 3 fan modules, 1 VIM5-4XE module, 1 x 1100W PSU FB (10941), 4 post rack mount kit, VOSS operating system
VSP4900-24S	VSP4900-24S	VSP 4900 System with 24 x 100/1000BASE-X ports, includes 3 fan modules, 4 post rack mount kit, VOSS operating system (PSU must be ordered separately)
VSP4900-24S-B3	VSP4900-24S with 350W PSU Bundle	VSP 4900 System with 24 x 100/1000BASE-X ports, includes 3 fan modules, 1 x 350W PSU (10953), 4 post rack mount kit, VOSS operating system
VSP4900-24XE	VSP4900-24XE	VSP 4900 System with 24 x 1/10GBASE-X SFP+ MACsec and LRM-capable ports, includes 2 fan modules, 1 unpopulated VIM5 slot, 4 post rack mount kit, VOSS operating system (PSU must be ordered separately)
VSP4900-24XE-B3	VSP4900-24XE with 350W PSU Bundle	VSP 4900 System with 24 x 1/10GBASE-X SFP+ MACsec and LRM-capable ports, includes 2 fan modules, 1 unpopulated VIM5 slot, 1 x 350W PSU (10953), 4 post rack mount kit, VOSS operating system
VSP4900-12MXU-12XE	VSP4900-12MXU-12XE	VSP 4900 System with 12 x 100M/1/2.5/5/10GBASE-T 802.3bt PoE (60W) ports and 12 x 1/10GBASE-X SFP+ MACsec-capable ports, includes 3 fan modules, 1 unpopulated VIM5 slot, 4 post rack mount kit, VOSS operating system (PSU must be ordered separately)
VSP4900-12MXU-12XE-B1	VSP4900-12MXU-12XE with 1100W PSU Bundle	VSP 4900 System with 12 x 100M/1/2.5/5/10GBASE-T 802.3bt PoE (60W) ports and 12 x 1/10GBASE-X SFP+ MACsec-capable ports, includes 3 fan modules, 1 unpopulated VIM5 slot, 1 x 1100W PSU FB (10941), 4 post rack mount kit, VOSS operating system
VIM Modules		
VIM5-4X	VIM5-4X	4 x 1G/10G SFP+ VIM supported on VSP 4900
VIM5-4XE	VIM5-4XE	4 x 1G/10G SFP+ LRM and MACsec capable VIM supported on VSP 4900
VIM5-4YE[1]	VIM5-4YE	4 x 10G/25G SFP28 MACsec capable VIM supported on VSP 4900
VIM5-2Q[2]	VIM5-2Q	2 x 10G/40G QSFP VIM supported on VSP 4900
Software Licenses		
VSP-PRMR-L-LIC-P	Premier License for VSP 4900	VSP 4900 Premier Software License: Enables L3 VSNs, > 16 BGP peers, > 24 VRFs and Integrated Application Hosting[3]
VSP-PRMR-LE-LIC-P	Premier License with MACsec for VSP 4900	VSP 4900 Premier Software License with MACsec; Enables LVSNs, > 16 BGP peers, > 24 VRFs and Integrated Application Hosting[3]
Accessories		
XN-ACPWR-350W-FB[4]	350W AC PSU FB	350 Watt AC Power Supply Module - Front to Back airflow, also used on 5520 and X465
XN-ACPWR-715W-FB[4]	715W AC PSU FB	715 Watt AC PoE Power Supply Module - Front to Back airflow, also used on 5520 and X465
XN-ACPWR-1100W-FB[4]	1100W AC PSU FB	1100 Watt AC PoE Power Supply Module - Front to Back airflow, also used on 5520 and X465
XN-ACPWR-2000W-FB[4]	2000W AC PSU FB	2000 Watt AC PoE Power Supply Module - Front to Back airflow, also used on 5520 and X465
10953	350W AC PSU	350W PSU for VSP 4900
10951	715W AC PSU	715W PSU for VSP 4900, also used on X465, X450-G2 and X460-G2
10941	1100 W AC PSU	1100W PSU for VSP 4900, also used on X465, X450-G2 and X460-G2

[1] VSP 4900-48P and VSP 4900-24S limited to 2 x uplink ports (10GbE or 25GbE) on VIM5-4YE module
[2] VSP 4900-48P and VSP 4900-24S limited to 1 x 10/40GbE port on VIM5-2Q module
[3] Integrated Application Hosting supported on VSP4900-24XE and VSP4900-12MXU-12XE models only
[4] XN-ACPWR-xxx-FB power supply units cannot be used with the 10941, 10951, 10953, or XN-ACPWR-2000W-F PSUs on the same switch. Not available for Mexico, Russia, Brazil, China, Korea, South Africa, India at present, pending certification

Ordering Information (cont.)

Part Number	Product Name	Product Description
Accessories (cont.)		
XN-ACPWR-2000W-F	2000W AC PS FB	2000W PSU for VSP 4900 also used on X465
XN-FAN-002-F	Spare Fan Module	Spare Fan module for VSP 4900
XN-SSD-001-120	120GB SSD module	120GB Solid-State Drive (SSD) module . Required for use with Extreme Integrated Application Hosting on the VSP 4900 Series
XN-4P-RKMT-001	Spare Four-Post Rack Mount Kit	Spare Four Post Rack Mount Kit for VSP 4900
XN-2P-RMKIT-001	Optional Two Post Rack Mount Kit	Optional Two Post Rack Mount Kit for VSP 4900

Warranty

VSP 4900 Series products are covered under Extreme's Universal LLW policy. For warranty details, please visit: http://www.extremenetworks.com/support/policies.

Power Cords

VSP 4900 power cords can be ordered separately but need to be specified at time of ordering.

Optics/Transceivers

For a list of the optics/transceivers supported on VSP 4900 Series hardware, refer to our Extreme Optics Compatibility Tool at https://optics.extremenetworks.com.

Maintenance Services

Extreme's maintenance and support services with 100% in-sourced engineering experts and over 90% first-person resolution ensure efficient operations of your business essential network. 24x7x365 phone support, advanced part replacement, and on-site support augment your staff with experienced resources that help you mitigate critical network issues fast. Visit Extreme Maintenance Services for more information.

Extreme networks

http://www.extremenetworks.com/contact