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Overview

The **ASA5512-FPWR-K9** is the ASA 5512-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD.

Quick Spec

Table 1 shows the quick spec.

Product Number	ASA5512-FPWR-K9
Product Description	ASA 5512-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD
Throughput: Application Control (AVC)	300 Mbps
Throughput: Application Control (AVC) and IPS	150 Mbps
Stateful inspection throughput (maximum)	1 Gbps
Stateful inspection throughput (multiprotocol)	500 Mbps
Triple Data Encryption Standard/ Advanced Encryption Standard (3DES/AES) VPN throughput	200 Mbps
Users/nodes	Unlimited
Dimensions(H x W x D)	1.67 x 16.7 x 15.6 in.(4.24 x 42.9 x 39.5 cm)
Weight (with AC power supply)	13.39 lb (6.07 kg)

Product Details

Figure 2 shows the front panel of ASA5512-FPWR-K9.

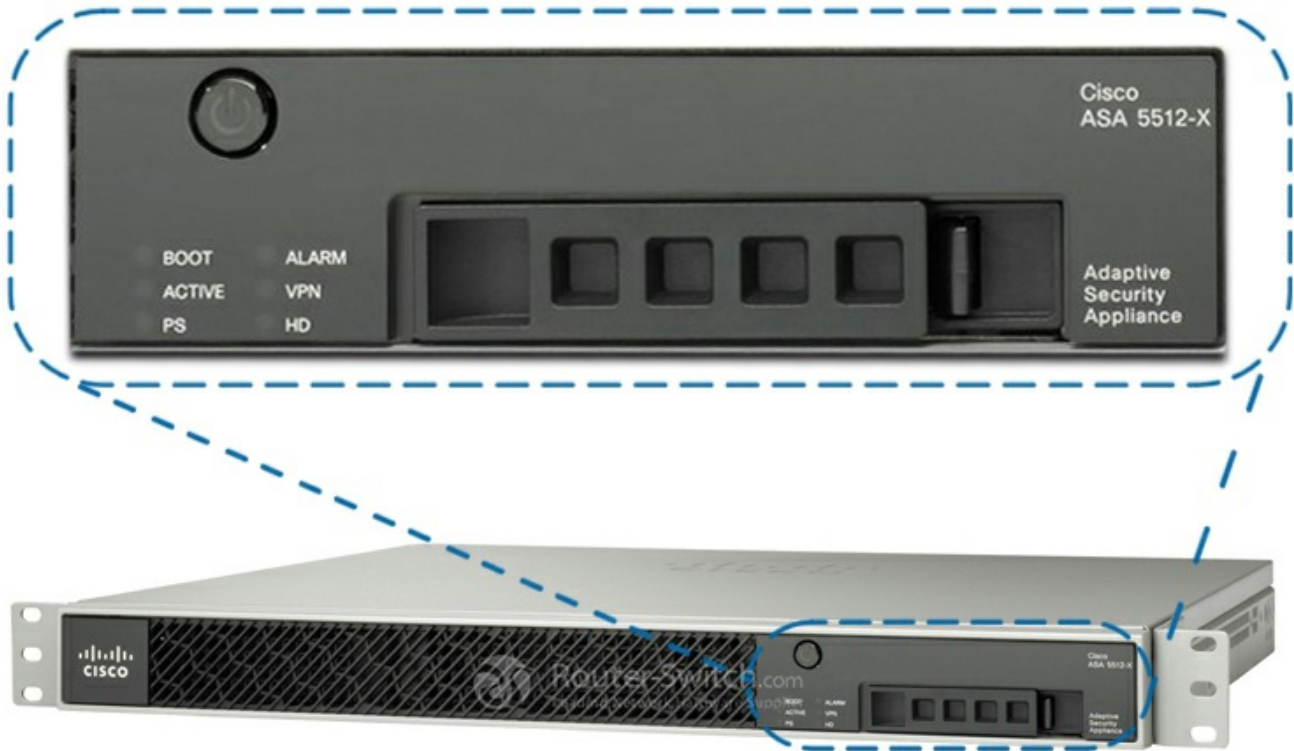
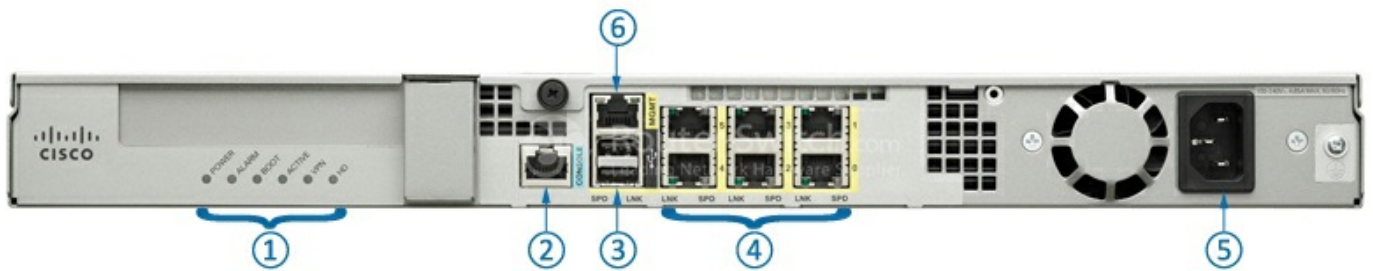


Table 2 shows the Front Panel LEDs' descriptions.

LED	Color	Description
BOOT	Flashing green	Power-up diagnostics are running, or system is booting.
	Solid green	System has passed power-up diagnostics.
	Off	Power-up diagnostics are not operational.
ACTIVE	Solid green	Failover pair is operating normally.
	Off	Failover is not operational.
PS	-	Power supply status
ALARM	Off	Normal operating system function.
	Solid amber	Critical Alarm indicating one or more of the following: –a major failure of a hardware or software component. –an over-temperature condition. –power voltage is outside of the tolerance range.
VPN	Solid green	VPN tunnel is established.
	Off	No VPN tunnel established.
HD	Flashing green	Proportioned to read/write activity.
	Solid amber	Hard-disk drive failure.
	Off	No hard-disk drive present.

Figure 2 shows the back panel of ASA5512-K9.



Note

(1)	LEDs	(4)	six Gigabit Ethernet data interfaces
(2)	One Console port	(5)	AC Socket
(3)	two USB Ports	(6)	one Management 0/0 interface

· There are six LEDs on the back panel: POWER, ALARM, BOOT, ACTIVE, VPN, and HD.

The Licenses

Table 3 shows the recommended licenses for ASA5512-FPWR-K9.

Licenses	Description
L-ASA-AC-E-5512=	AnyConnect Essentials VPN Licenses - Cisco L-ASA-AC-E-5512=, AnyConnect Essentials VPN License - ASA 5515-X (250 Users) for Cisco ASA 5500 Series
L-ASA-AC-M-5512=	Cisco VPN Licenses - L-ASA-AC-M-5512= AnyConnect Mobile - ASA 5515-X (req. Essentials or Premium) VPN Licenses for Cisco
L-ASA5512-ME-K9=	Cisco ASA 5500 Series Unified Communications Licenses - L-ASA5512-ME-K9, ASA 5512-X Intercompany Media Engine K9 License (eDelivery) for Cisco ASA 5500 Series
L-ASA5512-IPS-SSP=	Cisco ASA 5500 Series IPS Security Services Processors - L-ASA5512-IPS-SSP=, ASA 5512-X IPS SSP License for Cisco ASA 5500 Series
L-ASA-VPNP-5512=	Cisco VPN Licenses - L-ASA-VPNP-5512 Premium Shared VPN Participant License - ASA 5512-X VPN Licenses for Cisco
L-ASA-AC-PH-5512=	Cisco VPN Licenses - L-ASA-AC-PH-5512= AnyConnect VPN Phone License - ASA 5512-X (req Premium lic) VPN Licenses for Cisco
L-ASA5512-BOT-1YR=	Cisco ASA 5500 Firewall License L-ASA5512-BOT-1YR ASA 5512-X Botnet Traffic Filter Lic. for 1 Yr (eDelivery) for Cisco 5500 Firewall

Compare to Similar Items

Table 4 shows the comparison of ASA5512-FPWR-K9 and ASA5515-FPWR-K9.

Models	ASA5512-FPWR-K9	ASA5515-FPWR-K9
Product Description	ASA 5512-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD	ASA 5515-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD
Throughput: Application Control (AVC)	300 Mbps	500 Mbps
Throughput: Application Control (AVC) and IPS	150 Mbps	250 Mbps

Stateful inspection throughput (maximum)	1 Gbps	1.2 Gbps
Stateful inspection throughput (multiprotocol)	500 Mbps	600 Mbps
Triple Data Encryption Standard/ Advanced Encryption Standard (3DES/AES) VPN throughput	200 Mbps	250 Mbps

Datasheet Download

 [\[PDF\] Cisco ASA 5500 with FirePOWER Services Datasheet](#)

Get more information

Do you have any question about the ASA5512-FPWR-K9?

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Specification

ASA5512-FPWR-K9 Specification	
Product Number	ASA5512-FPWR-K9
Product Description	ASA 5512-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD
Throughput: Application Control (AVC)	300 Mbps
Throughput: Application Control (AVC) and IPS	150 Mbps
Maximum concurrent sessions	100,000
Maximum New Connections per second	10,000
Supported applications	More than 3,000
URL categories	80+
Number of URLs categorized	More than 280 million
Centralized configuration, logging, monitoring, and reporting	Multi-device Cisco Security Manager (CSM) and Cisco Firepower Management Center
On-Device Management	ASDM
Feature	Cisco ASA 5512-X w/ FirePOWER Services
Stateful inspection throughput (maximum)	1 Gbps
Stateful inspection throughput (multiprotocol)	500 Mbps
Triple Data Encryption Standard/ Advanced Encryption Standard (3DES/AES) VPN throughput	200 Mbps
Users/nodes	Unlimited
IPsec site-to-site VPN peers	250
Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections	250
Virtual interfaces (VLANs)	50; 100

Security contexts(included; maximum)	0,0; 2,5
High availability	Requires Security Plus License; Active/Active and Active/Standby
Integrated Wireless Access Point (See Cisco AP 702 datasheet for WiFi technical details)	N/A
Expansion slot	1 interface card
User-accessible Flash slot	No
USB 2.0 ports	2
Integrated I/O	6 GE copper
Expansion I/O	6 GE copper or 6 GE Small Form-Factor Pluggable (SFP)
Dedicated management port	Yes (1 GE)
Serial ports	1 RJ-45 console
Solid-state drive	1 slot, 120 GB multiline configurator self-encrypting drive (MLC SED)
Memory	4 GB
System flash	4 GB
System bus	Multibus architecture
Temperature	23 to 104°F (-5 to 40°C)
Relative humidity	10 to 90 percent noncondensing
Altitude	Designed and tested for 0 to 15,000 ft (4572 m)
Acoustic noise	64.2 dBA max
Temperature	-13 to 158°F (-25 to 70°C)
Relative humidity	10 to 90 percent noncondensing
Altitude	Designed and tested for 0 to 15,000 ft (4570 m)
AC range line voltage	100 to 240 VAC
AC normal line voltage	100 to 240 VAC
AC current	4.85A
AC frequency	50/60 Hz
Dual-power supplies	None
DC domestic line voltage	-40.5 to 56 volts direct current (VDC) (-48 VDC nominal)
DC international line voltage	-55 to -72 VDC (-60 VDC nominal)
DC current	15A (maximum input)
Steady state	51W
Maximum peak	56W
Maximum heat dissipation	192 Btu/hr

Form factor	Desktop, rack mountable
Dimensions(H x W x D)	1.67 x 16.7 x 15.6 in.(4.24 x 42.9 x 39.5 cm)
Weight (with AC power supply)	13.39 lb (6.07 kg)

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