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## Overview

Cisco ASA 5508-X FirePower services Firewall is the entry-level next-generation firewall system. It is designed for small or mid-size enterprise or branch offices. It provides 8 Gigabit Ethernet interfaces, 80GB SSD, supports up to 100 IPsec VPN peers, 50,000 concurrent connections and 1 Gbps throughput.

### Quick Specs

Figure 1 shows the appearance of ASA5508-K9.



Table 1 shows the Quick Specs.

Product Code	ASA5508-K9
Interfaces	8 x 1 Gigabit Ethernet interface, 1 management port
Stateful inspection throughput (multiprotocol)	500 Mbps
Maximum 3DES/AES VPN throughput	175 Mbps
IPsec site-to-site VPN peers	100
Virtual interfaces (VLANs)	50
Memory	8GB
Flash	8GB
Power (AC or DC)	AC Only
Height (rack units)	1RU
Dimensions (D x H x W)	11.288 in x 1.72 in x 17.2 in
Package Weight	8.77 Kg

### Product Details

Figure 2 shows the front panel of ASA5508-K9.

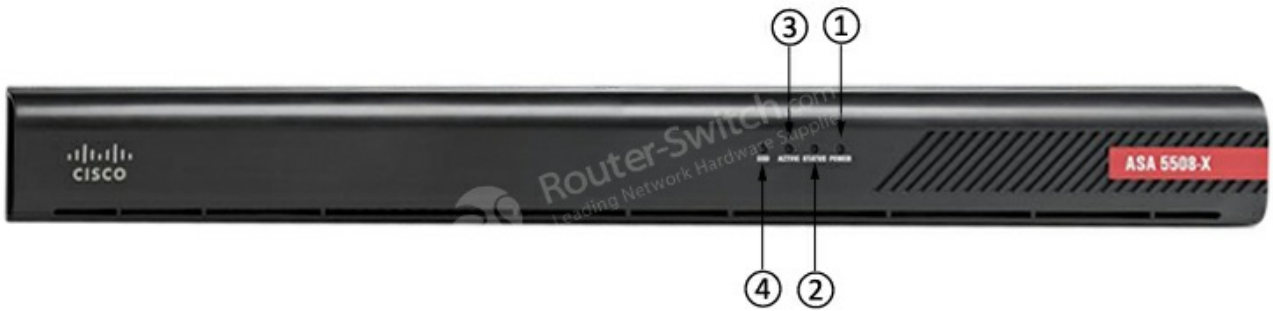
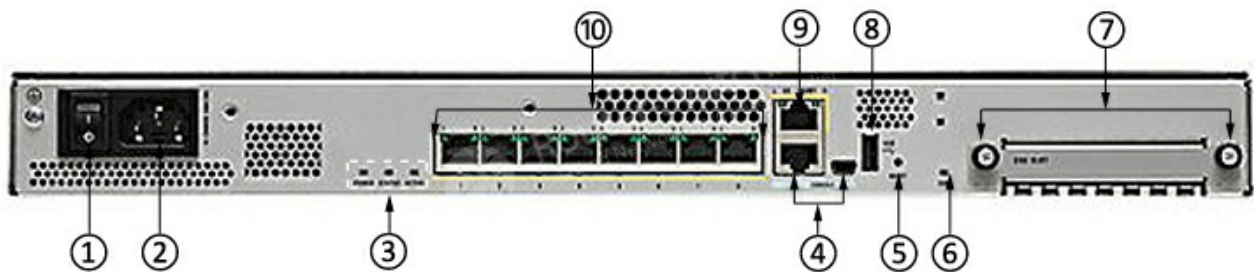


Table 2 shows the description of Status LED on the front panel.

Number	LED	Color	Description
(1)	Power	Unlit	Power supply off
		Solid Green	Power supply on
(2)	Status	Green	Normal system function.
		Amber	Critical alarm indicating one or more of the following: ·Major failure of a hardware or software component. ·Over-temperature condition. ·Power voltage outside the tolerance range.
(3)	Active	Solid Green	Failover pair operating normally.
		Unlit	Failover is not operational.
(4)	SSD	Unlit	No SSD present.
		Green	Activity on the drive.

Figure 3 shows the back panel of ASA5508-K9.



Note

(1)	Power switch	(6)	SSD LED
(2)	Power cord socket	(7)	SSD bay
(3)	Status LEDs	(8)	USB port

(4)	Console ports	(9)	Management port
(5)	Reset button	(10)	Network data ports

- Console ports are two serial ports, a mini USB Type B, and a standard RJ-45 (8P8C).
- Management port connects with an RJ-45 cable.
- Network data ports include eight Gigabit Ethernet RJ-45 (8P8C) network I/O interfaces.

Figure 4 shows the unboxing view of ASA5508-K9.



Figure 5 shows the accessories with ASA5508-K9.



## The Licenses

Table 3 shows the recommended licenses for ASA5508-K9.

Licenses	Description
<a href="#">L-ASA-SSL-25</a>	ASA 5500 SSL VPN 25 Premium User License

## Compare to Similar Items

Table 4 shows the comparison of ASA5506-K9, ASA5508-K9 and ASA5515-K9.

Models	<a href="#">ASA5506-K9</a>	ASA5508-K9	<a href="#">ASA5515-K9</a>
Interfaces	8 x 1 GE	8 x 1 GE	6 GE Copper
Stateful Inspection Throughput (multiprotocol)	300 Mbps	500 Mbps	1.2 Gbps
Maximum 3DES/AES VPN Throughput	100 Mbps	175 Mbps	250 Mbps
Memory	4GB	8GB	8GB
Flash	8GB	8GB	8GB
Height (rack units)	Desk Top	1 RU	1 RU

## Datasheet Download

[Cisco ASA 5500 with FirePOWER Services Datasheet.pdf](#)

## Get more information

Do you have any question of ASA5508-K9?

## Specification

<b>ASA5508-K9 Specifications</b>	
<b>Type</b>	Cisco ASA 5508-X w/ FirePOWER Services
<b>Throughput: Application Control (AVC)</b>	450 Mbps
<b>Throughput: Application Control (AVC) and IPS</b>	250 Mbps
<b>Maximum concurrent sessions</b>	100,000
<b>Maximum New Connections per second</b>	10,000
<b>Supported applications</b>	More than 3,000
<b>URL categories</b>	80+
<b>Number of URLs categorized</b>	More than 280 million
<b>Centralized configuration, logging, monitoring, and reporting</b>	Multi-device Cisco Security Manager (CSM) and Cisco Firepower Management Center
<b>On-Device Management</b>	ASDM (version 7.3 or higher required)
<b>Feature</b>	Cisco ASA 5508-X w/ FirePOWER Services
<b>Stateful inspection throughput (maximum)</b>	1 Gbps
<b>Stateful inspection throughput (multiprotocol)</b>	500 Mbps
<b>Triple Data Encryption Standard/ Advanced Encryption Standard (3DES/AES) VPN throughput3</b>	175 Mbps
<b>Users/nodes</b>	Unlimited
<b>IPsec site-to-site VPN peers</b>	100
<b>Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections5</b>	100
<b>Virtual interfaces (VLANs)</b>	50
<b>Security contexts5(included; maximum)</b>	2; 5
<b>High availability</b>	Active/ Active and Active/ Standby
<b>Integrated Wireless Access Point (See Cisco AP 702 datasheet for WiFi technical details)</b>	N/A
<b>Expansion slot</b>	N/A
<b>User-accessible Flash slot</b>	No
<b>USB 2.0 ports</b>	USB port type 'A', High Speed 2.0
<b>Integrated I/O</b>	8 x 1GE
<b>Expansion I/O</b>	N/A

Dedicated management port	Yes (To be shared with FirePOWER Services), 10/100/1000
Serial ports	1 RJ-45 and Mini USB console
Solid-state drive	80 GB mSata
Memory	8 GB
System flash	8 GB
System bus	Multibus architecture
Temperature	32 to 104°F (0 to 40 °C)
Relative humidity	10 to 90 percent noncondensing
Altitude	Designed and tested for 0 to 10,000 ft (3048 m)
Acoustic noise	41.6 A-weighted decibels (dBA) type
	67.2 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 (4572 m)
AC range line voltage	External, 90 to 240 volts alternating current (VAC)
AC normal line voltage	91 to 240 VAC
AC current	0.25AC amps
AC frequency	50/60 Hz
Dual-power supplies	None
DC domestic line voltage	N/A
DC international line voltage	N/A
DC current	N/A
Steady state	12V @3.0A
Maximum peak	12V @ 5A
Maximum heat dissipation	123 Btu/hr
Form factor	1 rack unit (RU), 19-in. rack-mountable
Dimensions (H x W x D)	1.72 x 17.2 x 11.288 in.
	(4.369 x 43.688 x 28.672 cm)
Weight (with AC power supply)	8 lb (3 kg)

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