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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 Specification

Table 1 shows the Quick Specification.

Product Code	ASA5508-K9
Dimensions (D x H x W)	11.288 in x 1.72 in x 17.2 in
Package Weight	8.77 Kg
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

Figure 1 shows the appearance of ASA5508-K9.



## Product Details

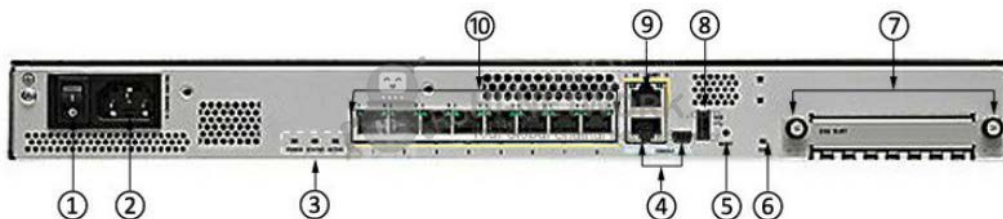
Figure 2 shows the front panel of ASA5508-K9.



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.

## The Licenses

Table 3 shows the recommended licenses for ASA5508-K9.

Licenses	Description
L-ASA-SSL-25	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

## Get More Information

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## Specification

<b>ASA5508-K9 Specifications</b>	
Type	Cisco ASA 5508-X w/ FirePOWER Services
Throughput: Application Control (AVC)	450 Mbps
Throughput: Application Control (AVC) and IPS	250 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 (version 7.3 or higher required)
Feature	Cisco ASA 5508-X w/ FirePOWER Services
Stateful inspection throughput (maximum)	1 Gbps
Stateful inspection throughput (multiprotocol)	500 Mbps
Triple Data Encryption Standard/	175 Mbps
<b>Advanced Encryption Standard (3DES/AES) VPN throughput</b>	
Users/nodes	Unlimited
IPsec site-to-site VPN peers	100
Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections	100
Virtual interfaces (VLANs)	50
Security contexts (included; maximum)	2; 5
High availability	Active/Active and Active/Standby
Integrated Wireless Access Point (See Cisco AP 702 datasheet for WiFi technical details)	N/A
Expansion slot	N/A
User-accessible Flash slot	No
USB 2.0 ports	USB port type 'A', High Speed 2.0
Integrated I/O	8 x 1GE
Expansion I/O	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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