

# ASA5506-K9 Datasheet

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## Overview

Cisco ASA5506-K9, designed for small or mid-size enterprise or branch offices, is one of the Cisco ASA 5500-X Next-generation series firewalls with Firepower services.

### Quick Specs

Figure 1 shows the appearance of ASA5506-K9.



Table 1 shows the Quick Specs.

<b>Product Code</b>	ASA5506-K9
<b>Interfaces</b>	8 x 1 Gigabit Ethernet interface, 1 management port
<b>Stateful inspection throughput (multiprotocol)</b>	300 Mbps
<b>Maximum 3DES/AES VPN throughput</b>	100 Mbps
<b>IPsec site-to-site VPN peers</b>	10; 50 with Security Plus license
<b>Virtual interfaces (VLANs)</b>	5; 30 with Security Plus license
<b>Memory</b>	4GB
<b>Flash</b>	8GB
<b>Power (AC or DC)</b>	AC only
<b>Height (rack units)</b>	Desk Top
<b>Dimensions (D x H x W)</b>	9.23 in x 1.72 in x 7.871 in
<b>Package Weight</b>	3.78 Kg

### Product Details

Figure 2 shows the front panel of ASA5506-K9. There is not any connector or LED on the front panel.

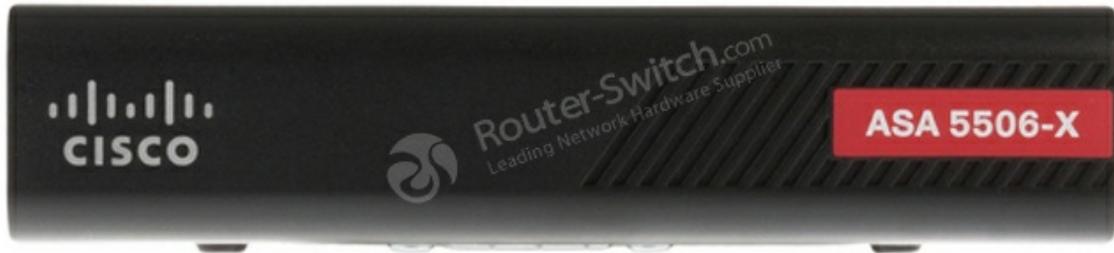
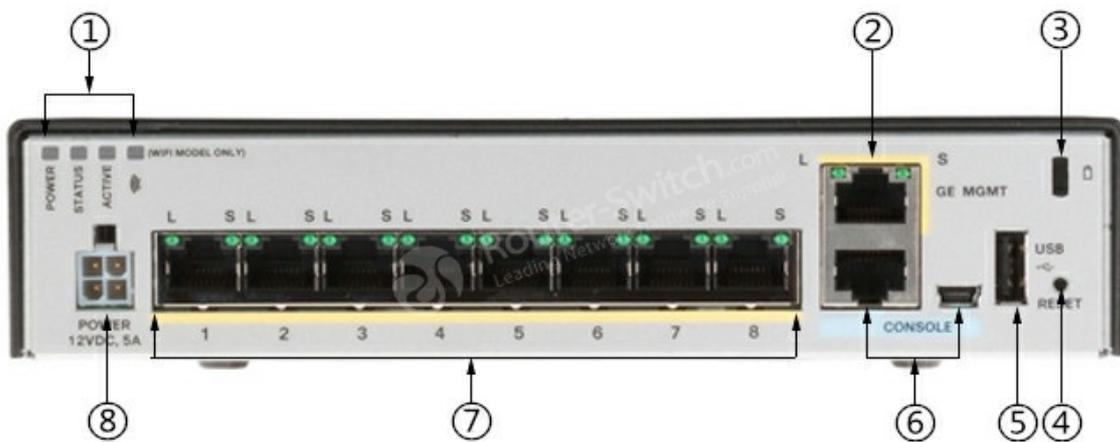


Figure 3 shows the back panel of ASA5506-K9.



Note:

(1)	Status LEDs	(5)	USB Port
(2)	Management port	(6)	Console ports
(3)	Lock slot	(7)	Network data ports
(4)	Reset button	(8)	Power cord socket

·The Status LEDs include Power, Status, Active and WLAN LEDs.

·The Console Ports consist of a standard RJ45 port and a mini USB Type B. They can't be used in the same time. When using USB Type B, the RJ45 port is inactive but to pull up the USB cable can make RJ45 port active.

·Recessed button helps to reset the ASA to its default "as-shipped" state following the next reboot when pressed for longer than three seconds. Configuration variables are reset to factory default but the flash is not erased and no files are removed.

## The Licenses

Table 2 shows the recommended licenses for ASA5506-K9.

Licenses	Description
<a href="#">L-ASA5506-SEC-PL=</a>	Cisco ASA5506 Security Plus license w/ HA, DMZ, VLAN trunk, more conns.
<a href="#">L-ASA5506-TAMC-3Y</a>	Cisco ASA5506 FirePOWER IPS, AVC, AMP, and URL 3YR Subs
<a href="#">L-ASA-SSL-25</a>	ASA 5500 SSL VPN 25 Premium User License

## Compare to Similar Items

Table 3 shows the comparison of ASA5506-K9, ASA5508-K9 and ASA5515-K9.

Models	ASA5506-K9	ASA5508-K9	ASA5515-K9
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](#)

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## Specification

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ASA5506-K9 Specifications	
Type	Cisco ASA 5506-X w/ FirePOWER Services
Throughput: Application Control (AVC)	250 Mbps
Throughput: Application Control (AVC) and IPS	125 Mbps
Maximum concurrent sessions	20,000; 50000
Maximum New Connections per second	5,000
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 5506-X w/ FirePOWER Services
Stateful inspection throughput (maximum1)	750 Mbps
Stateful inspection throughput (multiprotocol2)	300 Mbps

<b>Triple Data Encryption Standard/Advanced Encryption Standard (3DES/AES) VPN throughput<sup>3</sup></b>	100 Mbps
<b>Users/nodes</b>	Unlimited
<b>IPsec site-to-site VPN peers</b>	10; 50
<b>Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections<sup>5</sup></b>	50
<b>Virtual interfaces (VLANs)</b>	5; 30
<b>Security contexts<sup>5</sup>(included; maximum)</b>	N/A
<b>High availability</b>	Requires Security Plus License; 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 1 Gigabit Ethernet (GE)
<b>Expansion I/O</b>	N/A
<b>Dedicated management port</b>	Yes (To be shared with FirePOWER Services), 10/100/1000
<b>Serial ports</b>	1 RJ-45 and Mini USB console
<b>Solid-state drive</b>	50 GB mSata
<b>Memory</b>	4 GB
<b>System flash</b>	8 GB
<b>System bus</b>	Multibus architecture
<b>Temperature</b>	32 to 104°F (0 to 40 °C)
<b>Relative humidity</b>	90 percent noncondensing
<b>Altitude</b>	Designed and tested for 0 to 10,000 ft (3048 m)
<b>Acoustic noise</b>	Fanless 0 dBA
<b>Temperature</b>	-13 to 158°F (-25 to 70°C)
<b>Relative humidity</b>	10 to 90 percent noncondensing
<b>Altitude</b>	Designed and tested for 0 to 15,000 ft (4572 m)
<b>AC range line voltage</b>	External, 90 to 240 volts alternating current (VAC)
<b>AC normal line voltage</b>	90 to 240 VAC
<b>AC current</b>	N/A
<b>AC frequency</b>	50/60 Hz

<b>Dual-power supplies</b>	None
<b>DC domestic line voltage</b>	N/A
<b>DC international line voltage</b>	N/A
<b>DC current</b>	<b>N/A</b>
<b>Steady state</b>	12V @2.5A
<b>Maximum peak</b>	12V @ 5A
<b>Maximum heat dissipation</b>	103 British thermal units (Btu)/hr
<b>Form factor</b>	Desktop, rack mountable
<b>Dimensions (H x W x D)</b>	1.72 x 7.871 x 9.23 in.
	(4.369 x 19.992 x 23.444 cm)
<b>Weight (with AC power supply)</b>	4 lb (1.82 kg)

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