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## Overview

Cisco ASA 5515-X supports Active/Active and Active/Standby failover to enable the firewall redundancy. It delivers up to 1.2 Gbps stateful inspection throughput, 250 IPsec VPN peers, 250,000 concurrent connections and 1 expansion slot, which makes it ideally suited for the small, mid-size enterprises or branch offices.

## Quick Specification

Table 1 shows the quick spec.

Product Code	ASA5515-K9
Interfaces	6 copper GE ports, 1 copper GE management port
Stateful inspection throughput (multiprotocol)	600 Mbps
Maximum 3DES/AES VPN throughput	250 Mbps
IPsec site-to-site VPN peers	250
Virtual interfaces (VLANs)	100
Memory	8 GB
Flash	8 GB
Height (rack units)	1 RU
Dimensions (D x H x W)	4.24 x 42.9 x 39.5 cm
Package Weight	13.1 Kg

Figure 1 shows the appearance of ASA5515- K9.



## Product Details

Figure 2 shows the front panel of ASA5515- K9.



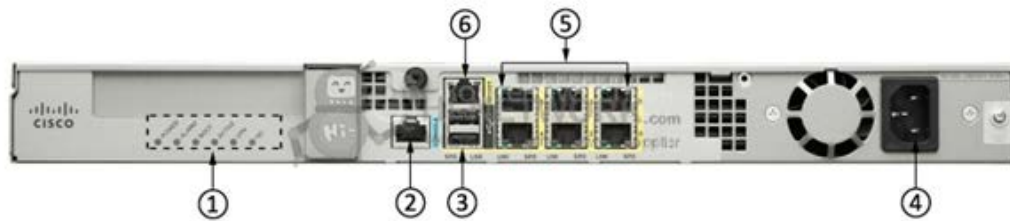
Notes:

(1)	Power button
(2)	Front Panel LED
(3)	Hard-disk release button

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 3 shows the back panel of ASA5515-K9.



Note:

(1)	Back Panel LED: Power, Alarm, Boot, Active, VPN, HD0, HD1	(4)	Power supply
(2)	Console port	(5)	GigabitEthernet data interfaces (0/0 through 0/5)
(3)	USB Ports	(6)	Management 0/0 interface

The GigabitEthernet interface connects with an RJ-45 cable and must be restricted to management use only

## The Licenses

Table 3 shows the recommended licenses for ASA5515-K9.

Licenses	Description
L-ASA-AC-E-5515=	AnyConnect Essentials VPN Licenses, AnyConnect Essentials VPN License - ASA 5515-X (250 Users) for Cisco ASA 5500 Series
L-ASA-AC-M-5515=	Cisco VPN Licenses, AnyConnect Mobile - ASA 5515-X (req. Essentials or Premium) VPN Licenses for Cisco
L-ASA5515-ME-K9=	Cisco ASA 5500 Series Unified Communications Licenses, ASA 5515-X Intercompany Media Engine K9 License (eDelivery)
L-ASA5515-IPS-SSP=	Cisco ASA 5500 Series IPS Security Services Processors, ASA 5515-X IPS SSP License for Cisco ASA 5500 Series
L-ASA-VPNP-5515=	Cisco VPN Licenses, Premium Shared VPN Participant License - ASA 5515-X VPN Licenses for Cisco
L-ASA-AC-PH-5515=	Cisco VPN Licenses, AnyConnect VPN Phone License - ASA 5515-X (req Premium lic) VPN Licenses for Cisco
L-ASA5515-BOT-1YR=	Cisco ASA 5500 Firewall License, ASA 5515-X Botnet Traffic Filter Lic. for 1 Yr (eDelivery) for Cisco 5500 Firewall

## Compare to Similar Items

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

Models	<a href="#">ASA5506-K9</a>	<a href="#">ASA5508-K9</a>	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

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## Specification

ASA5515-K9 Specifications	
Type	Cisco ASA 5515-X w/ FirePOWER Services
Throughput: Application Control (AVC)	500 Mbps
Throughput: Application Control (AVC) and IPS	250 Mbps
Maximum concurrent sessions	250,000
Maximum New Connections per second	15,000
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 5515-X w/ FirePOWER Services
Stateful inspection throughput (maximum1)	1.2 Gbps
Stateful inspection throughput (multiprotocol2)	600 Mbps
Triple Data Encryption Standard/ Advanced Encryption Standard (3DES/AES) VPN throughput3	250 Mbps
Users/nodes	Unlimited
IPsec site-to-site VPN peers	250
Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections5	250
Virtual interfaces (VLANs)	100
Security contexts5(included; maximum)	2.5
High availability	Active/Active and Active/Standby

# ASA5515-K9 Datasheet

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 SFP
Dedicated management port	Yes (1 GE)
Serial ports	1 RJ-45 console
Solid-state drive	1 slot, 120 GB MLC SED
Memory	8 GB
System flash	8 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 VDC (-48 VDC nominal)
DC international line voltage	-55 to -72 VDC (-60 VDC nominal)
DC current	15A (maximum input)
Steady state	65W
Maximum peak	70W
Maximum heat dissipation	239 Btu/hr
Form factor	1RU, 19-in. 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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