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Overview

Cisco ASA 5525-K9 delivers superior performance with up to 2 Gbps stateful inspection throughput, 750 IPsec VPN peers, 500,000 concurrent connections and 1 expansion slot makes it ideally suited for the small, mid-size enterprises, branch offices or internet edge deployments while delivering enterprise-strength security.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	ASA5525-K9
Interfaces	8 copper GE ports, 1 copper GE management port, 1 expansion slot
Stateful inspection throughput (maximum)	2 Gbps
3DES/AES VPN throughput	300 Mbps
IPsec VPN peers	750
Virtual interfaces (VLANs)	200
Memory	8 GB
Flash	8 GB
Height (rack units)	1 RU
Dimensions (D x H x W)	4.45 x 20.04 x 36.2 cm
Package Weight	13.1 Kg

Product Details

Figure 1 shows the front panel of ASA5525-K9.

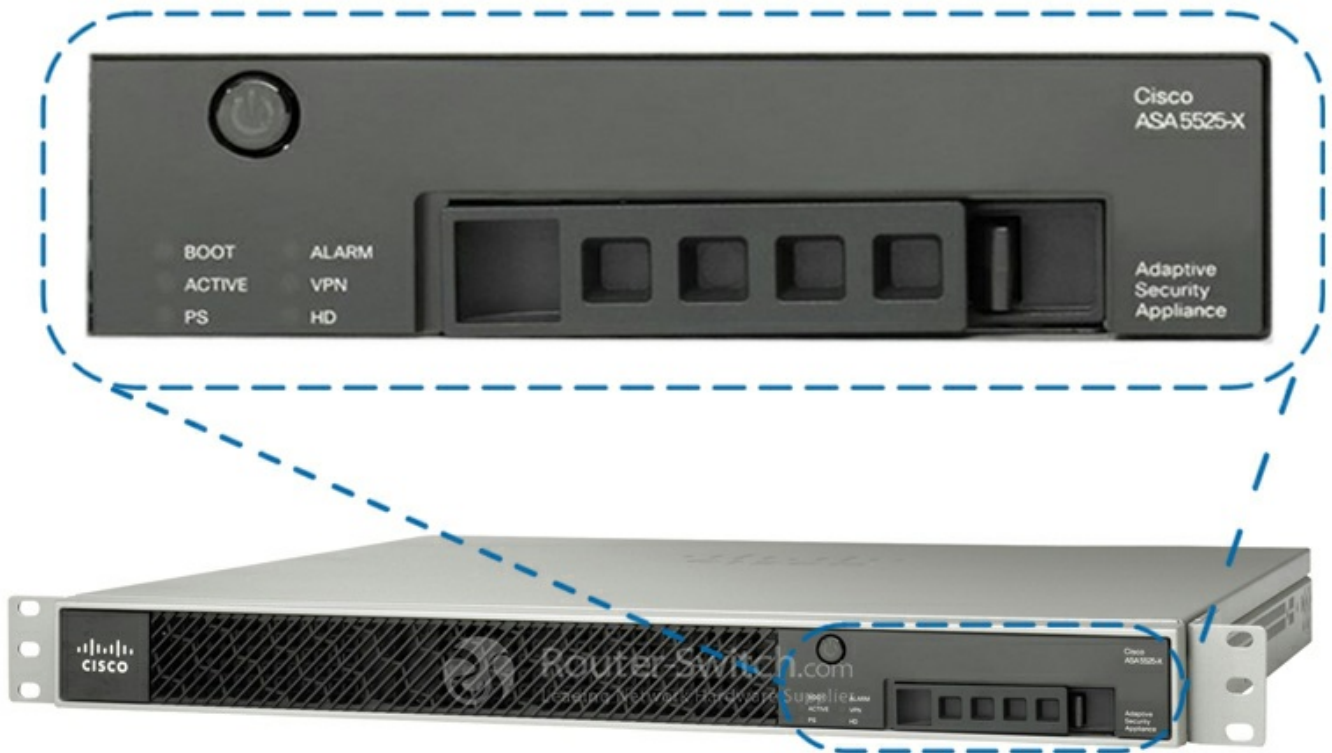
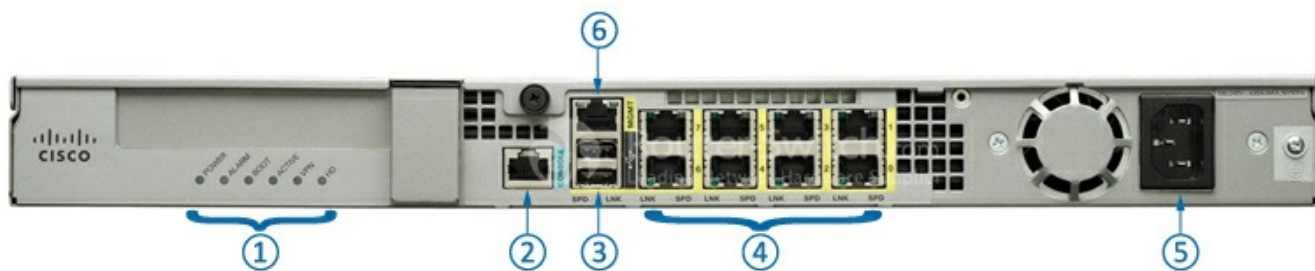


Table 2 shows the Front Panel LEDs' descriptions.

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 ASA5525-K9.



Note[]

(1)	LEDs	(4)	Eight 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 ASA5525-K9.

Licenses	Description
L-ASA-AC-E-5525=	AnyConnect Essentials VPN Licenses - Cisco L-ASA-AC-E-5525=, AnyConnect Essentials VPN License - ASA 5525-X (250 Users) for Cisco ASA 5500 Series
L-ASA-AC-M-5525=	Cisco VPN Licenses - L-ASA-AC-M-5525= AnyConnect Mobile - ASA 5525-X (req. Essentials or Premium) VPN Licenses for Cisco
L-ASA5525-ME-K9=	Cisco ASA 5500 Series Unified Communications Licenses - L-ASA5525-ME-K9, ASA 5525-X Intercompany Media Engine K9 License (eDelivery) for Cisco ASA 5500 Series
L-ASA5525-IPS-SSP=	Cisco ASA 5500 Series IPS Security Services Processors - L-ASA5525-IPS-SSP=, ASA 5525-X IPS SSP License for Cisco ASA 5500 Series
L-ASA-VPNP-5525=	Cisco VPN Licenses - L-ASA-VPNP-5525 Premium Shared VPN Participant License - ASA 5525-X VPN Licenses for Cisco
L-ASA-AC-PH-5525=	Cisco VPN Licenses - L-ASA-AC-PH-5525= AnyConnect VPN Phone License - ASA 5525-X (req Premium lic) VPN Licenses for Cisco
L-ASA5525-BOT-1YR=	Cisco ASA 5500 Firewall License L-ASA5525-BOT-1YR ASA 5525-X Botnet Traffic Filter Lic. for 1 Yr (eDelivery) for Cisco 5500 Firewall

Compare to Similar Items

Table 4 shows the comparison of ASA5512-K9, ASA5515-K9 and ASA5525-K9.

Models	ASA5512-K9	ASA5515-K9	ASA5525-K9
Stateful Inspection Throughput (maximum)	1 Gbps	1.2 Gbps	2 Gbps
Next-generation firewall throughput (multiprotocol)	200 Mbps	350 Mbps	650 Mbps
Memory	4GB	8GB	8GB
Flash	4GB	8GB	8GB
Height (rack units)	Desk Top	1 RU	1 RU

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Specification

ASA5525-K9 Specifications	
Feature	ASA5525-K9
Stateful Inspection Throughput (Maximum)	2 Gbps
Stateful Inspection Throughput (Multiprotocol)	1 Gbps
IPS Throughput	600 Mpbs
Next-Generation Throughput(Multiprotocol)	650 Mbps
3DES/AES VPN Throughput	300 Mbps
Users/Nodes	Unlimited
IPsec VPN Peers	750
Cisco Cloud Web Security Users	4,000
Premium AnyConnect VPN Peers(Included/Maximum)	2/750
Concurrent Connections	500,000
New Connections/Second	20,000
Virtual Interfaces (VLANs)	200
Security Contexts (Included/Maximum)⁶	2; 20
High Availability	Active/Active and Active/Standby
Expansion Slot	1 interface card
User-Accessible Flash Slot	0
USB 2.0 Ports	2
Integrated I/O	8 GE Copper
Expansion I/O	6 GE Copper or 6 GE SFP
Serial Ports	1 RJ-45 console
Solid State Drive	1 slot, 120 GB MLC SED
Memory	8 GB
Minimum System Flash	8 GB
System Bus	Multibus architecture
Temperature	23 to 104°F (-5 to 40°C)

Relative Humidity	90 percent noncondensing
Altitude	Designed and tested for 0 to 10,000 ft (3050m)
Shock	50G, 2 m/sec
Vibration	0.41 Grms ² (3 to 500 Hz) random input
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 (4570m)
Shock	70G, 4.22 m/sec
Vibration	1.12 Grms ² (3 to 500 Hz) random input
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	75W
Maximum Peak	108W
Maximum Heat Dissipation	369 BTU/hr
Form Factor	1 RU, 19-in. rack-mountable
Dimensions (H x W x D)	1.75 x 17.5 x 14.25 In (4.45 x 20.04 x 36.2 cm)
Weight (with AC Power Supply)	22.0 lb (10 kg)
Safety	IEC 60950-1: 2005, 2nd Edition EN 60950-1:2006+A11: 2009 UL 60950-1:2007, 2nd Edition; CSA C22.2 No. 60950-1-07, 2nd Edition
Electromagnetic Compatibility (EMC)	CE: EN55022 2006+A1: 2007 Class A; EN55024 1998+A1:2001+A2:2003; EN61000-3-2 2009; EN61000-3-3 2008; FCC: CFR 47, Part 15 Subpart B Class A 2010, ANSI C63.4 2009; ICES-003 ISSUE 4 FEBRUARY.2004; VCCI: V-3/2011.04; C-TICK: AS/NZS CISPR 22,2009 KC: KN22 & KN24
Industry Certifications	In process

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Transition Guide

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