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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.

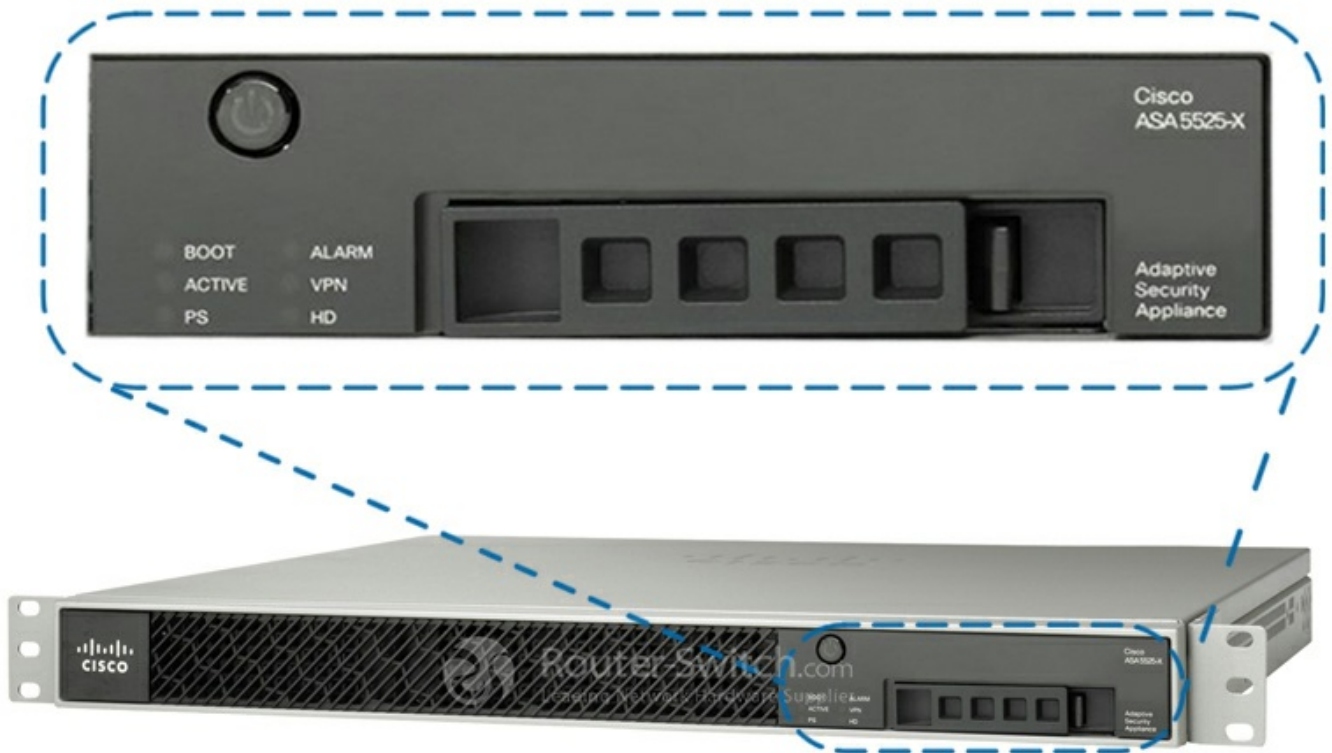
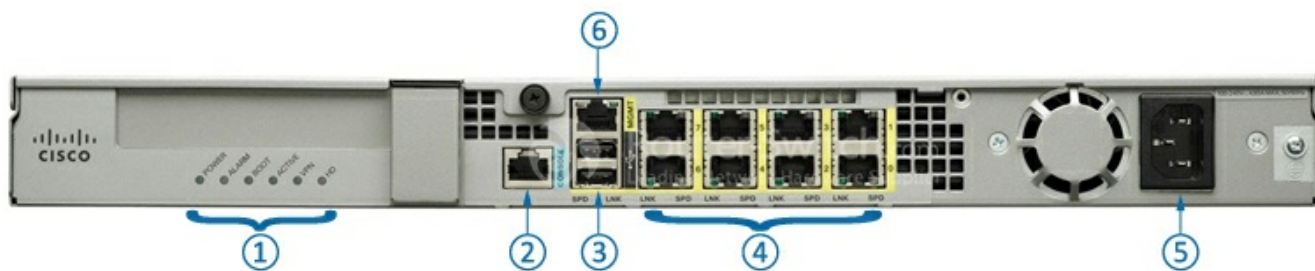


Table 2 shows the Front Panel LEDs' descriptions.

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
<a href="#">L-ASA-AC-E-5525=</a>	AnyConnect Essentials VPN Licenses - Cisco L-ASA-AC-E-5525=, AnyConnect Essentials VPN License - ASA 5525-X (250 Users) for Cisco ASA 5500 Series
<a href="#">L-ASA-AC-M-5525=</a>	Cisco VPN Licenses - L-ASA-AC-M-5525= AnyConnect Mobile - ASA 5525-X (req. Essentials or Premium) VPN Licenses for Cisco
<a href="#">L-ASA5525-ME-K9=</a>	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
<a href="#">L-ASA5525-IPS-SSP=</a>	Cisco ASA 5500 Series IPS Security Services Processors - L-ASA5525-IPS-SSP=, ASA 5525-X IPS SSP License for Cisco ASA 5500 Series
<a href="#">L-ASA-VPNP-5525=</a>	Cisco VPN Licenses - L-ASA-VPNP-5525 Premium Shared VPN Participant License - ASA 5525-X VPN Licenses for Cisco
<a href="#">L-ASA-AC-PH-5525=</a>	Cisco VPN Licenses - L-ASA-AC-PH-5525= AnyConnect VPN Phone License - ASA 5525-X (req Premium lic) VPN Licenses for Cisco
<a href="#">L-ASA5525-BOT-1YR=</a>	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	<a href="#">ASA5512-K9</a>	<a href="#">ASA5515-K9</a>	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

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ASA5525-K9 Specifications	
Feature	ASA5525-K9
Stateful Inspection Throughput (Maximum)	2 Gbps
Stateful Inspection Throughput (Multiprotocol)	1 Gbps
IPS Throughput	600 Mbps
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) <sup>6</sup>	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)

<b>Relative Humidity</b>	90 percent noncondensing
<b>Altitude</b>	Designed and tested for 0 to 10,000 ft (3050m)
<b>Shock</b>	50G, 2 m/sec
<b>Vibration</b>	0.41 Grms <sup>2</sup> (3 to 500 Hz) random input
<b>Acoustic Noise</b>	64.2 dBa max
<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 (4570m)
<b>Shock</b>	70G, 4.22 m/sec
<b>Vibration</b>	1.12 Grms <sup>2</sup> (3 to 500 Hz) random input
<b>AC Range Line Voltage</b>	100 to 240 VAC
<b>AC Normal Line Voltage</b>	100 to 240 VAC
<b>AC Current</b>	4.85A
<b>AC Frequency</b>	50/60 Hz
<b>Dual-Power Supplies</b>	None
<b>DC Domestic Line Voltage</b>	-40.5 to 56 VDC (-48 VDC nominal)
<b>DC International Line Voltage</b>	-55 to -72 VDC (-60 VDC nominal)
<b>DC Current</b>	15A (maximum input)
<b>Steady State</b>	75W
<b>Maximum Peak</b>	108W
<b>Maximum Heat Dissipation</b>	369 BTU/hr
<b>Form Factor</b>	1 RU, 19-in. rack-mountable
<b>Dimensions (H x W x D)</b>	1.75 x 17.5 x 14.25 In (4.45 x 20.04 x 36.2 cm)
<b>Weight (with AC Power Supply)</b>	22.0 lb (10 kg)
<b>Safety</b>	IEC 60950-1: 2005, 2nd Edition EN 60950-1:2006+A11: 2009 UL 60950-1:2007, 2ndEdition; CSA C22.2 No. 60950-1-07, 2nd Edition
<b>Electromagnetic Compatibility (EMC)</b>	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
<b>Industry Certifications</b>	In process

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