

ASA5525-K9 Datasheet

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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

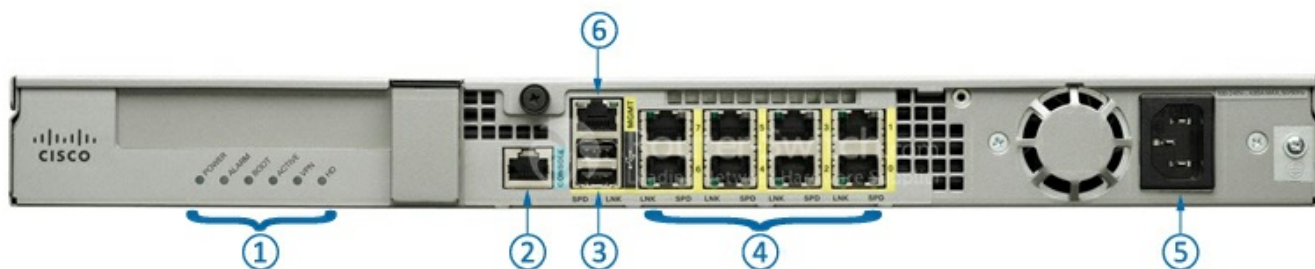
Figure 1 shows the front panel of ASA5525-K9.



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 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) 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 Grms2 (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 Grms2 (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, 2ndEdition; 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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