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## Overview

Cisco ASA 5525-K8 includes Cisco ASA 5525-X Firewall Edition; includes firewall services, 750 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, Active/Active High Availability, 2 security contexts, DES license.

## Quick Specification

Table 1 shows the Quick Specs.

Product Code	ASA5525-K8
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

## Product Details

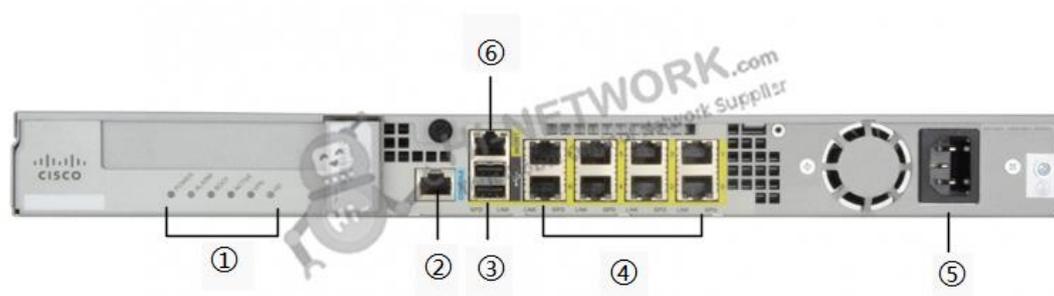
Figure 1 shows the front panel of ASA5525-K9 for reference. ASA5525-K8 has the similar ports and slots.



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-K9for reference. ASA5525-K8 has the similar ports and slots.



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-K8.

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=	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-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 ASA5525-K8 and ASA5525-K9.

Models	ASA5525-K8	<a href="#">ASA5525-K9</a>
Description	<p>Cisco ASA 5525-X Firewall Edition; includes firewall services,</p> <ul style="list-style-type: none"> <li>· 750 IPsec VPN peers,</li> <li>· 2 SSL VPN peers,</li> <li>· 8 copper Gigabit Ethernet data ports,</li> <li>· 1 copper Gigabit Ethernet management port,</li> <li>· 1 AC power supply, Active/Active High Availability,</li> <li>· 2 security contexts,</li> <li>· DES license</li> </ul>	<p>Cisco ASA 5525-X Firewall Edition; includes firewall services,</p> <ul style="list-style-type: none"> <li>· 750 IPsec VPN peers,</li> <li>· 2 SSL VPN peers,</li> <li>· 8 copper Gigabit Ethernet data ports,</li> <li>· 1 copper Gigabit Ethernet management port,</li> <li>· 1 AC power supply,</li> <li>· Active/Active High Availability,</li> <li>· 2 security contexts,</li> <li>· 3DES/AES license</li> </ul>
Stateful Inspection Throughput (maximum)	2 Gbps	2 Gbps
Next-generation firewall throughput (multiprotocol)	650 Mbps	650 Mbps
Memory	8GB	8GB
Flash	8GB	8GB
Height (rack units)	1 RU	1 RU

## Get More Information

Do you have any question of ASA5525-K8?

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## Specification

ASA5525-K8 Specification	
General	
Device Type	Security appliance
Height (Rack Units)	1U
Width	16.9 in
Depth	15.6 in
Height	1.7 in
Weight	14.99 lbs
Processor / Memory / Storage	
RAM	8 GB
Networking	
Form Factor	Rack-mountable
Ports Qty	8
Connectivity Technology	Wired
Data Link Protocol	Gigabit Ethernet
Performance	Firewall throughput: 2 Gbps VPN throughput (3DES/AES): 300 Mbps Connection rate: 20000 connections per second Firewall + intrusion prevention throughput: 600 Mbps
Capacity	IPsec VPN peers: 750 SSL VPN peers: 2 Concurrent sessions: 500000 Virtual interfaces (VLANs): 200 Security contexts: 2
Status Indicators	Power, HDD activity, active, alarm
Features	Firewall protection, VPN support, VLAN support, High Availability
Encryption Algorithm	DES
Expansion / Connectivity	
Expansion Slots	1 (total) / 1 (free) x expansion slot

Interfaces	8 x 1000Base-T - RJ-45 1 x 1000Base-T (management) - RJ-45 1 x management - RJ-45 2 x USB 2.0 - Type A
Miscellaneous	
Rack Mounting Kit	Included
Compliant Standards	VCCI, C-Tick, EN 61000-3-2, ICES-003, EN 61000-3-3, EN55024, EN55022 Class A, CISPR 22, UL 60950-1, IEC 60950-1, EN 60950-1, FCC Part 15 B Class A, CAN/CSA C22.2 No. 60950-1-07, ANSI C63.4-2009
Power	
Power Device	Internal power supply
Installed Qty	1
Max Supported Qty	1
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	400 Watt
Software / System Requirements	
Software Included	Drivers & Utilities
Manufacturer Warranty	
Service & Support	Limited warranty - 90 days
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	104 °F

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