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Overview

Cisco ASA 5512-K9 delivers superior performance with up to 1 Gbps stateful inspection throughput, 250 IPsec VPN peers, 100,000 concurrent connections and 1 expansion slot makes it ideally suited for the small, mid-size enterprises or branch offices while delivering enterprise-strength security. ASA 5512-K9 needs Security Plus license to support Active/Active and Active/Standby.

Quick Specification

Figure 1 shows the front view of ASA5512-K9.



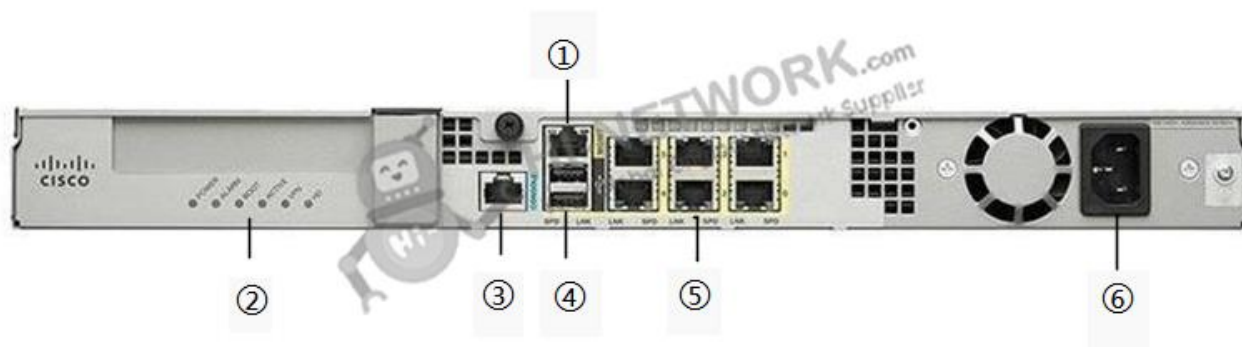
Table 1 shows the Quick Specs of the ASA5512-K9.

Product Code	ASA5512 -K9
Interfaces	6 copper GE ports, 1 copper GE management port, 1 expansion slot
Stateful inspection throughput (maximum)	1 Gbps
3DES/AES VPN throughput	200 Mbps
IPsec VPN peers	250
Virtual interfaces (VLANs)	50; 100
Memory	4 GB
Flash	4 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

Product Details

Figure 2 shows the front panel of ASA5512-K9.



Note:

(1)	Management 0/0 interface	(4)	Rear panel LEDs
(2)	Console port	(5)	USB ports
(3)	GigabitEthernet data interfaces	(6)	Power supply

The Licenses

Table 2 shows the recommended licenses for ASA5512-K9.

Licenses	Description
L-ASA-AC-E-5512=	AnyConnect Essentials VPN Licenses - Cisco L-ASA-AC-E-5512=, AnyConnect Essentials VPN License - ASA 5515-X (250 Users) for Cisco ASA 5500 Series
L-ASA-AC-M-5512=	Cisco VPN Licenses - L-ASA-AC-M-5512= AnyConnect Mobile - ASA 5515-X (req. Essentials or Premium) VPN Licenses for Cisco
L-ASA5512-ME-K9=	Cisco ASA 5500 Series Unified Communications Licenses - L-ASA5512-ME-K9, ASA 5512-X Intercompany Media Engine K9 License (eDelivery) for Cisco ASA 5500 Series
L-ASA5512-IPS-SSP=	Cisco ASA 5500 Series IPS Security Services Processors - L-ASA5512-IPS-SSP=, ASA 5512-X IPS SSP License for Cisco ASA 5500 Series
L-ASA-VPNP-5512=	Cisco VPN Licenses - L-ASA-VPNP-5512 Premium Shared VPN Participant License - ASA 5512-X VPN Licenses for Cisco
L-ASA-AC-PH-5512=	Cisco VPN Licenses - L-ASA-AC-PH-5512= AnyConnect VPN Phone License - ASA 5512-X (req Premium lic) VPN Licenses for Cisco

Compare to Similar Items

Table 3 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

ASA5512-K9 Specifications	
Feature	Cisco ASA 5512-X; Security Plus
Stateful Inspection Throughput (Maximum)	1 Gbps
Stateful Inspection Throughput (Multiprotocol)	500 Mbps
IPS Throughput	250 Mbps (Extra hardware not required)
Next-Generation Throughput (Multiprotocol)	200 Mbps
3DES/AES VPN Throughput	200 Mbps
Users/Nodes	Unlimited
IPsec VPN Peers	250
Cisco Cloud Web Security Users	100
Premium AnyConnect VPN Peers (Included/Maximum)	2/250
Concurrent Connections	100,000
New Connections/Second	10,000
Virtual Interfaces (VLANs)	50; 100
Security Contexts (Included/Maximum)	0,0; 2,5

ASA5512-K9 Datasheet



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High Availability	Not supported; Active/Active and Active/Standby
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
Serial Ports	1 RJ-45 console
Solid State Drive	1 slot, 120 GB MLC SED
Memory	4 GB
Minimum System Flash	4 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 (4572m)
Shock	70G, 4.22 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	51W
Maximum Peak	56W
Maximum Heat Dissipation	192 BTU/hr
Form Factor	1 RU, 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)
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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