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## Overview

Cisco ASA with FirePOWER Services brings distinctive threat-focused next-generation security services to the Cisco ASA 5500-X Series Next-Generation Firewalls. It provides comprehensive protection from known and advanced threats, including protection against targeted and persistent malware attacks. Cisco ASA is the world's most widely deployed, enterprise-class stateful firewall.

## Quick Specification

Figure 1 shows the appearance of ASA5525-FPWR-K9.



Table 1 shows the Quick Specs.

Model	ASA5525-FPWR-K9
Stateful inspection throughput (maximum*)	2 Gbps
Stateful inspection throughput (multiprotocol**)	1 Gbps
Triple Data Encryption Standard/Advanced Encryption Standard (3DES/AES) VPN throughput***	300 Mbps
Users/nodes	Unlimited
IPsec site-to-site VPN peers	750
Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections*****	750
Virtual interfaces (VLANs)	200
Security contexts***** (included; maximum)	2; 20
High availability****	Active/Active and Active/Standby
Integrated Wireless Access Point (See Cisco AP 702 datasheet for WiFi technical details)	N/A

# ASA5525-FPWR-K9 Datasheet



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
Dedicated management port	Yes (1 GE)
Serial ports	1 RJ-45 console
Solid-state drive	1 slot, 120 GB MLC SED
Memory	8 GB
System flash	8 GB
System bus	Multibus architecture
Temperature	23 to 104°F (-5 to 40°C)
Relative humidity	90 percent
Altitude	Designed and tested for 0 to 10,000 ft (3050 m)
Acousticnoise	64.2 dBA max
Temperature*****	-13 to 158°F (-25 to 70°C)
Relative humidity	10 to 90 percent
Altitude	Designed and tested for 0 to 15,000 ft (4572 m)
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	1RU, 19-in. rack-mountable
Dimensions	1.75 x 17.5 x 14.25 in.
(H x W x D)	(4.45 x 20.04 x 36.20 cm)
Weight (with AC power supply)	22.0 lb (10 kg)

\* Maximum throughput measured with UDP traffic under ideal conditions.



\*\* Multiprotocol = Traffic profile consisting primarily of TCP-based protocols/applications like HTTP, SMTP, FTP, IMAPv4, BitTorrent, and DNS.

\*\*\* VPN throughput and sessions count depend on the ASA device configuration and VPN traffic patterns. These elements should be taken into consideration as part of your capacity planning.

\*\*\*\* Higher specifications are associated with the Security Plus license.

\*\*\*\*\* Separately licensed feature. For AnyConnect, licenses are purchased based on feature tier (Plus/Apex), term and authorized user license.

\*\*\*\*\* Usable space dependent upon system software.

\*\*\*\*\* Derate the maximum operating temperature 1.5°C per 1000 ft above sea level.

## Get More Information

Do you have any question about the Cisco ASA5525-FPWR-K9?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

ASA5525-FPWR-K9 Specification	
Networking	
Type	Security appliance
Form Factor	Rack-mountable
Connectivity Technology	Wired
Data Transfer Rate	1.1 Gbps
Data Link Protocol	Gigabit Ethernet
Status Indicators	Active, Alarm, Boot state, HDD activity, Power, VPN
Ports Qty	8
Features	Firewall protection, High Availability, VLAN support, VPN support
Network Transport Protocol	IPsec
Interface Provided	
Qty	8
Type	Management
Connector Type	RJ-45
Service	
Support Details Type	Limited warranty
Support Details Service Included	Advance parts replacement
Support Details Full Contract Period	90 days
Miscellaneous	
Compliant Standards	C-Tick, CISPR 22, CSA C22.2 No. 60950-1-07 Second Edition, EMC, EN 60950-1, EN 61000-3-2, EN 61000-

# ASA5525-FPWR-K9 Datasheet



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	3-3, EN55022 Class A, EN55024, FCC Part 15 B Class A, ICES-003, IEC 60950-1 Second Edition, KC, UL 60950-1 Second Edition, VCCI V-3
Height (Rack Units)	1
Encryption Algorithm	AES, DES, Triple DES
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	104 °F
Header	
Compatibility	PC
Manufacturer	Cisco Systems
Packaged Quantity	1
Product Line	Cisco ASA
Model	5525-X
Bundled with	FirePOWER Services
Brand	Cisco
Power Device	
Frequency Required	50/60 Hz
Power Provided	400 Watt
Installed Qty	1
Max Supported Qty	1
Nominal Voltage	AC 120/230 V
Type	Internal power supply
Service & Support	
Type	90 days warranty
Service & Support Details	
Response Time	10 days
Slot Provided	
Total Qty	1
Free Qty	1
Software	
Type	Drivers & Utilities
Capacity	
Type	Virtual interfaces (VLANs)
Value	200
Performance	
Type	VPN throughput (3DES/AES)



Value	300 Mbps
Dimensions & Weight	
Width	16.9 in
Depth	15.6 in
Height	1.7 in
Weight	14.93 lbs
Expansion Slots	
Type	Expansion slot
Flash Memory	
Installed Size	8 GB
Hard Drive	
Installed Qty	1
Type	SSD
Optical Storage	
Type	None
RAM	
Installed Size	8 GB

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