Cisco ASA 5525-X, 5545-X, and 5555-X

The Cisco ASA 5525-X, 5545-X, and 5555-X are next-generation firewalls that combine the most widely deployed stateful inspection firewall in the industry with a comprehensive suite of next-generation network security services - for comprehensive security without compromise. They help meet evolving security needs by delivering multiple next-generation security services, multigigabit performance, flexible interface options, and redundant power supplies, all in a compact 1-RU form factor. These firewalls optionally provide broad and deep network security services through an array of integrated cloud- and software-based security services, including Application Visibility and Control (AVC), Web Security Essentials (WSE), Cisco Cloud Web Security (CWS), and the only context-aware IPS - with no need for additional hardware modules.

The ASA 5525-X, 5545-X, and 5555-X Next-Generation Firewalls are part of the ASA 5500-X Series, which is built on the same proven security platform as the rest of the ASA family of firewalls and delivers superior performance for exceptional operational efficiency. These models are designed to meet evolving security needs by providing, among other things, innovative next-generation firewall services that make it possible to take advantage of new applications and devices without compromising security. Unlike other next-generation firewalls, the Cisco ASA 5500-X Series keeps pace with rapidly evolving needs by offering end-to-end network intelligence gained from combining the visibility from local traffic with in-depth global network intelligence through:

- Cisco TrustSec® technology
- Cisco AnyConnect® Secure Mobility Solution for unique mobile client insight
- Cisco Security Intelligence Operations (SIO) for near-real-time threat information and proactive protection
- Cisco ASA Next-Generation Firewall Services

With up to 4 Gbps of firewall throughput, 1,000,000 concurrent firewall connections, 50,000 connections per second, and 6 integrated Gigabit Ethernet interfaces, the ASA 5525-X, 5545-X, and 5555-X are excellent choices for businesses requiring high performance, cost effectiveness, exceptional application visibility and control, and an extensible security solution that can grow with their changing needs.

Cisco ASA 5520, 5540, and 5550

The Cisco ASA 5520, 5540, and 5550 are modular, high-performance firewalls that deliver security services with Active/Active high availability and Gigabit Ethernet connectivity for medium-sized enterprise networks. With Gigabit Ethernet interfaces and support for up to 200 VLANs, businesses can easily deploy the Cisco ASA 5520, 5540, and 5550 into multiple zones within their network. The Cisco ASA 5520, 5540, and 5550 scale with businesses as their network security requirements grow, delivering solid investment protection.

Businesses can extend their SSL and IPsec VPN capacity to support a larger number of mobile workers, remote sites, and business partners. Up to 5000 Cisco AnyConnect and/or clientless VPN peers can be supported. VPN capacity and resiliency can be increased by taking advantage of integrated VPN clustering and load-balancing capabilities. The Cisco ASA 5520, 5540, and 5550 support up to 10 firewalls in a cluster, offering a maximum of 50,000 AnyConnect and/or clientless VPN peers or 50,000 IPsec VPN peers per cluster. For business continuity and event planning, the Cisco ASA 5520, 5540, and 5550 can also benefit from Cisco VPN Flex licenses, which enable administrators to react to or plan for short-term "bursts" of concurrent Premium VPN remote-access users for up to two months.

The advanced application-layer security and content security defenses provided by these firewalls can be extended by deploying the high-performance intrusion prevention and worm mitigation capabilities of the Advanced Inspection and Prevention Security Services Module (AIP SSM) or the comprehensive malware protection of the Content Security and Control Security Services Module (CSC SSM). Using these optional security context capabilities, businesses can deploy up to 100 virtual firewalls within a physical appliance to enable compartmentalized control of security policies on a departmental level. This virtualization strengthens security and reduces overall management and support costs while consolidating multiple security devices into a single appliance.

Table 1 compares the features and capacities of the Cisco ASA 5500 and ASA 5500-X Series Next-Generation Firewalls for the Internet Edge.

Table 1. Cisco ASA 5500 and ASA 5500-X Series Next-Generation Firewalls for the Internet Edge

Feature	Cisco ASA 5520	Cisco ASA 5525-X	Cisco ASA 5540	Cisco ASA 5545-X	Cisco ASA 5550	Cisco ASA 5555-X
Stateful Inspection Throughput (Maximum[2])	Up to 450 Mbps	2 Gbps	Up to 650 Mbps	3 Gbps	Up to 1.2 Gbps	4 Gbps
Stateful Inspection Throughput (Multiprotocol[3])	-	1 Gbps	-	1.5 Gbps	-	2 Gbps
IPS Throughput[4]	• Up to 225 Mbps with AIP-SSM-10 • Up to 375 Mbps with AIP-SSM-20 • Up to 450 Mbps with AIP-SSM-40	• 600 Mbps	• Up to 500 Mbps with AIP-SSM-20 • Up to 650 Mbps with AIP-SSM-40	• 900 Mbps (extra hardware not required)	• Not available	• 1.3 Gbps (extra hardware not required)
Next-Generation Throughput[5] (Multiprotocol)	-	650 Mbps	-	1 Gbps	-	1.4 Gbps
3DES/AES VPN Throughput[6]	Up to 225 Mbps	300 Mbps	Up to 325 Mbps	400 Mbps	Up to 425 Mbps	700 Mbps
Users/Nodes	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Cisco Cloud Web Security Users	300	500	1000	1500	2000	3000
IPsec VPN Peers	750	750	5000	2500	5000	5000
Premium AnyConnect VPN Peers	2/750	2/750	2/2500	2/2500	2/5000	2/5000
Concurrent Connections	280,000	500,000	400,000	750,000	650,000	1,000,000

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[2] Maximum throughput measured with UDP traffic under ideal conditions.

[3] Multiprotocol: Traffic profile consisting primarily of TCP-based protocols/applications, such as HTTP, SMTP, FTP, IMAPv4, BitTorrent, and DNS.

[4] Firewall traffic that does not go through the IPS service can have higher throughput.

[5] Throughput was measured using ASA CX Software Release 9.1.1 with multiprotocol traffic profile with both AVC and WSE. Traffic logging was enabled as well.

[6] 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.

Feature	Cisco ASA 5520	Cisco ASA 5525-X	Cisco ASA 5540	Cisco ASA 5545-X	Cisco ASA 5550	Cisco ASA 5555-X
New Connections/ Second	12,000	20,000	25,000	30,000	33,000	50,000
Virtual Interfaces (VLANs)	150	200	200	300	400	500
Security Contexts (Included/ Maximum)[7]	2/20	2/20	2/50	2/50	2/50	2/100
High Availability	Active/Active and Active/Standby	Active/Active and Active/Standby	Active/Active and Active/Standby	Active/Active and Active/Standby	Active/Active and Active/Standby	Active/Active and Active/Standby
Expansion Slot	1 SSM	1 interface card	1 SSM	1 interface card	0	1 interface card
Number of User-Accessible Flash Slots	1	0	1	-	1	0
USB 2.0 Ports	2	2	2	2	2	2[2]
Integrated I/O	4 GE + 1 Fast Ethernet	8 GE copper	4 GE + 1 Fast Ethernet	8 GE copper	8 GE + 1 Fast Ethernet	8 GE copper
Expansion I/O	4 GE copper or 4 GE SFP	6 GE copper or 6 GE SFP	4 GE copper or 4 GE SFP	6 GE copper or 6 GE SFP	None	6 GE copper or 6 GE SFP
Dedicated Management Port	None	Yes (1 GE)	None	Yes (1 GE)	None	Yes (1 GE)
Serial Ports	2 RJ-45, console and auxiliary	1 RJ-45	2 RJ-45, console and auxiliary	1 RJ-45	2 RJ-45, console and auxiliary	1 RJ-45
Solid State Drive	-	1 slot 120 GB MLC SED	-	2 slots, RAID 1 120 GB MLC SED	-	2 slots, RAID 1 120 GB MLC SED
Memory	2 GB	8 GB	2 GB	12 GB	4 GB	16 GB
Minimum System Flash	256 MB	8 GB	256 MB	8 GB	256 MB	8 GB
System Bus	Multibus architecture	Multibus architecture	Multibus architecture	Multibus architecture	Multibus architecture	Multibus architecture
Environmental Operating Ranges						
Operating						
Temperature	32 to 104ºF (0 to 40ºC)	23 to 104℉ (-5 to 40℃)	32 to 104ºF (0 to 40ºC)	23 to 104℉ (-5 to 40℃)	32 to 104ºF (0 to 40ºC)	23 to 104℉ (-5 to 40℃)
Relative Humidity	5 to 95 percent noncondensing	90 percent	5 to 95 percent noncondensing	90 percent	5 to 95 percent noncondensing	90 percent
Altitude	Designed and tested for 0 to 9840 ft (3000m); agency approved for 2000m	Designed and tested for 0 to 10,000 ft (3050m)	Designed and tested for 0 to 9840 ft (3000m); agency approved for 2000m	Designed and tested for 0 to 10,000 ft (3050m)	Designed and tested for 0 to 9840 ft (3000m); agency approved for 2000m	Designed and tested for 0 to 10,000 ft (3050m)
Shock	1.14 m/sec (45 in./sec) 1/2 sine input	50G, 2 m/sec	1.14 m/sec (45 in./sec) 1/2 sine input	50G, 2 m/sec	1.14 m/sec (45 in./sec) 1/2 sine input	50G, 2 m/sec
Vibration	0.41 Grms2 (3 to 500 Hz) random input	0.41 Grms (3 to 500Hz) random input	0.41 Grms2 (3 to 500 Hz) random input	0.41 Grms (3 to 500Hz) random input	0.41 Grms2 (3 to 500 Hz) random input	0.41 Grms (3 to 500Hz) random input
Acoustic Noise	60 dBa max	64.2 dBa max	60 dBa max	67.9 dBa max	60 dBa max	67.9 dBa max

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[7] Separately licensed feature; includes two SSL licenses with base system.

Feature	Cisco ASA 5520	Cisco ASA 5525-X	Cisco ASA 5540	Cisco ASA 5545-X	Cisco ASA 5550	Cisco ASA 5555-X
Nonoperating						
Temperature	-13 to 158ºF (-25 to 70ºC)	-13 to 158ºF (-25 to 70ºC)	-13 to 158ºF (-25 to 70ºC)	-13 to 158ºF (-25 to 70ºC)	-13 to 158ºF (-25 to 70ºC)	-13 to 158ºF (-25 to 70ºC)
Relative Humidity	5 to 95 percent noncondensing	10 to 90 percent	5 to 95 percent noncondensing	10 to 90 percent	5 to 95 percent noncondensing	10 to 90 percent
Altitude	0 to 15,000 ft (4570m)	Designed and tested for 0 to 15,000 ft (4572m)	0 to 15,000 ft (4570m)	Designed and tested for 0 to 15,000 ft (4572m)	0 to 15,000 ft (4570m)	Designed and tested for 0 to 15,000 ft (4572m)
Shock	30G	70G, 4.22 m/sec	30G	70G,4.22 m/sec	30G	70G, 4.22 m/sec
Vibration	0.41 Grms2 (3 to 500 Hz) random input	1.12 Grms (3 to 500Hz) random input	0.41 Grms2 (3 to 500 Hz) random input	1.12 Grms (3 to 500Hz) random input	0.41 Grms2 (3 to 500 Hz) random input	1.12 Grms (3 to 500Hz) random input
Power						
Input (per Power Supply)						
AC Range Line Voltage	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
AC Normal Line Voltage	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC		

Feature	Cisco ASA 5520	Cisco ASA 5525-X	Cisco ASA 5540	Cisco ASA 5545-X	Cisco ASA 5550	Cisco ASA 5555-X
Regulatory and Standards Compliance						
Safety	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950	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	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950	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	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950	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 marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3	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	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3	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	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3	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	Common Criteria EAL4 US DoD Application-Level Firewall for Medium-Robustness Environments, Common Criteria EAL2 for IPS on AIP SSM-10 and -20, FIPS 140-2 Level 2, and NEBS Level 3 In process: Common Criteria EAL4+ US DoD Application-Level Firewall for Medium-Robustness Environments, and Common Criteria EAL4 for IPsec/SSL VPN	In process	FIPS 140-2 Level 2 In process: Common Criteria EAL4+ US DoD Application-Level Firewall for Medium-Robustness Environments, and Common Criteria EAL4 for IPsec/SSL VPN	In process	FIPS 140-2 Level 2 In process: Common Criteria EAL4+ US DoD Application-Level Firewall for Medium-Robustness Environments, and Common Criteria EAL4 for IPsec/SSL VPN	In process

Cisco ASA 5500 Series Security Services Processors, Modules, and Cards

The Cisco ASA 5500 Series brings a new level of integrated security performance to networks with its highly effective IPS services and multiprocessor hardware architecture. This architecture allows businesses to adapt and extend the high-performance security services profile of the Cisco ASA 5500 Series. Customers can add additional high-performance services using security services modules with dedicated security co-processors, and can custom-tailor flow-specific policies using a highly flexible policy framework. This adaptable architecture enables businesses to deploy new security services when and where they are needed, such as adding the broad range of intrusion prevention and advanced antiworm services delivered by the IPS modules via the AIP SSM and AIP SSC, or the comprehensive malware protection and content security services enabled by the CSC SSM. Further, the Cisco ASA 5500 Series architecture allows Cisco to introduce new services to address new threats, giving businesses outstanding investment protection.

The Cisco ASA 5500 Series AIP SSM and AIP SSC are inline, network-based solutions that accurately identify, classify, and stop malicious traffic before it affects business continuity for IPv4, IPv6, and hybrid IPv6 and IPv4 networks. They combine inline prevention services with innovative technologies, resulting in total confidence in the provided protection of the deployed IPS solution, without the fear of legitimate traffic being dropped. The AIP SSM and AIP SSC also offer comprehensive network protection through their unique ability to collaborate with other network security resources, providing a proactive approach to protecting the network.

Accurate inline prevention technologies provide unparalleled confidence to take preventive action on a broader range of threats without the risk of dropping legitimate traffic. These unique technologies offer intelligent, automated, contextual analysis of data and help ensure that businesses are getting the most out of their intrusion prevention solutions. Furthermore, the IPS SSP, AIP SSM, and AIP SSC use multivector threat identification to protect the network from policy violations, vulnerability exploitations, and anomalous activity through detailed inspection of traffic in Layers 2 through 7.

Table 2 details the AIP SSM models that are available, and their respective performance and physical characteristics.

Table 2. Characteristics of Cisco ASA 5500 Series AIP SSM Models

Feature	Cisco ASA 5500 Series AIP-SSM-10	Cisco ASA 5500 Series AIP-SSM-20	Cisco ASA 5500 Series AIP-SSM-40
Concurrent Threat Mitigation Throughput (Firewall + IPS Services)	• 225 Mbps with Cisco ASA 5520	• 375 Mbps with Cisco ASA 5520 • 500 Mbps with Cisco ASA 5540	• 450 Mbps with Cisco ASA 5520 • 650 Mbps with Cisco ASA 5540
Technical Specifications			
Memory	1 GB	2 GB	4 GB
Flash	256 MB	256 MB	2 GB
Environmental Operating Ranges			
Operating			
Temperature	32 to 104ºF (0 to 40ºC)		
Relative Humidity	5 to 95 percent noncondensing		
Nonoperating			
Temperature	-13 to 158ºF (-25 to 70ºC)		
Power Consumption	90W maximum		
Physical Specifications			
Dimensions (H x W x D)	1.70 x 6.80 x 12.25 in. (4.32 x 17.27 x 31.12 cm)		
Weight (with Power Supply)	3.00 lb (1.36 kg)		
Regulatory and Standards Compliance			
Safety	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950		
Electromagnetic Compatibility (EMC)	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3		

Cisco ASA 5500 Series Content Security and Control Module

The Cisco ASA 5500 Series CSC SSM delivers industry-leading threat protection and content control at the Internet edge, providing comprehensive antivirus, antispyware, file blocking, antispam, antiphishing, URL blocking and filtering, and content filtering services in an easy-to-manage solution. The CSC SSM bolsters the Cisco ASA 5500 Series' strong security capabilities, providing customers with additional protection of and control over the content of their business communications. The module provides additional flexibility and choice over the functioning and deployment of Cisco ASA 5500 Series firewalls. Licensing options enable organizations to customize the features and capabilities to each group's needs, with features that include advanced content services and increased user capacity. The CSC SSM ships with a default feature set that provides antivirus, antispyware, and file blocking services.

A Plus license is available for each CSC SSM at an additional charge, delivering capabilities such as antispam, antiphishing, URL blocking and filtering, and content control services. Businesses can extend the user capacity of the CSC SSM by purchasing and installing additional user licenses. A detailed listing of these options is shown in Table 3 and in the CSC SSM data sheet.

Table 3.   Characteristics of Cisco ASA 5500 Series CSC SSMs

Feature	Cisco ASA 5500 Series CSC-SSM-10	Cisco ASA 5500 Series CSC-SSM-20
Supported Platforms	• Cisco ASA 5520	• Cisco ASA 5520 • Cisco ASA 5540
Standard and Optional Features		
Standard User License	50 users	500 users
Standard Feature Set	Antivirus, antispyware, file blocking	
Optional User Upgrades (Total Users)	• 100 users • 250 users • 500 users	• 750 users • 1000 users
Optional Feature Upgrades	Plus license: Adds antispam, antiphishing, URL blocking and filtering, and content control	
Technical Specifications		
Memory	1 GB	2 GB
System Flash	256 MB	256 MB
Environmental Operating Ranges		
Operating		
Temperature	32 to 104ºF (0 to 40ºC)	
Relative Humidity	10 to 90 percent, noncondensing	
Nonoperating		
Temperature	-13 to 158ºF (-25 to 70ºC)	
Power Consumption	90W maximum	
Physical Specifications		
Dimensions (H x W x D)	1.70 x 6.80 x 12.25 in. (4.32 x 17.27 x 31.12 cm)	
Weight (with Power Supply)	3.00 lb (1.36 kg)	

Feature	Cisco ASA 5500 Series CSC-SSM-10	Cisco ASA 5500 Series CSC-SSM-20
Regulatory and Standards Compliance		
Safety	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950	
Electromagnetic Compatibility (EMC)	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3	

Cisco ASA 5500 Series 4-Port Gigabit Ethernet Module

The Cisco ASA 5500 Series 4-Port Gigabit Ethernet SSM enables businesses to better segment network traffic into separate security zones, providing more granular security for their network environment. These zones can range from the Internet to internal corporate departments/sites to DMZs. This high-performance module supports both copper and optical connection options by including four 10/100/1000 copper RJ-45 ports and four SFP ports. Businesses can choose between copper or fiber ports, providing flexibility for data center, campus, or enterprise edge connectivity. The module extends the I/O profile of the Cisco ASA 5500 Series to a total of five Fast Ethernet and four Gigabit Ethernet ports on the Cisco ASA 5510. Table 4 lists the characteristics of the Cisco ASA 5500 Series 4-Port Gigabit Ethernet SSMs.

Table 4.   Characteristics of Cisco ASA 5500 Series 4-Port Gigabit Ethernet SSMs

Feature	Cisco ASA 5500 Series 4-Port GE SSM
Technical Specifications	
Integrated LAN Ports	Four 10/100/1000BASE-T
Integrated SFP Ports	Four (Gigabit Ethernet Optical SFP 1000BASE-SX or LX/LH transceiver supported)
Environmental Operating Ranges	
Operating	
Temperature	32 to 104ºF (0 to 40ºC)
Relative Humidity	5 to 95 percent noncondensing
Nonoperating	
Temperature	-13 to 158ºF (-25 to 70ºC)
Power Consumption	25W maximum
Physical Specifications	
Dimensions (H x W x D)	1.70 x 6.80 x 12.25 in. (4.32 x 17.27 x 31.12 cm)
Weight (with Power Supply)	2.00 lb (0.91 kg)
Regulatory and Standards Compliance	
Safety	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950
Electromagnetic Compatibility (EMC)	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3

Cisco ASA 5500-X Series 6-Port Gigabit Ethernet Interface Cards

Cisco ASA 5500-X Series 6-port Gigabit Ethernet Interface Cards extend the I/O profile of the ASA 5525-X through ASA 5555-X by providing additional GE ports. The cards provide the following benefits:

- Better segmentation of network traffic (into separate security zones)
- Fiber-optic cable connectivity for long distance communication
- Load sharing of traffic as well as protection against link failure by using EtherChannel
- Support for Jumbo Ethernet frames of up to 9000 bytes
- Protection against cable failure for the most demanding Active/Active and full mesh firewall deployments

Table 5 lists the characteristics of the Cisco ASA 5500-X Series 6-Port Gigabit Ethernet Interface Cards.

Table 5.   Characteristics of Cisco ASA 5500-X Series 6-Port Gigabit Ethernet Interface Cards

Feature	Cisco ASA 5500-X Series 6-Port 10/100/1000	Cisco ASA 5500-X Series 6-Port GE SFP SX, LH, LX
Technical Specifications		
Integrated Ports	Six 10/100/1000BASE-T	Six (Gigabit Ethernet Optical SFP 1000BASE-SX or LX/LH transceiver supported)
Environmental Operating Ranges		
Operating		
Temperature	32 to 113ºF (0 to 45ºC)	32 to 113ºF (0 to 45ºC)
Relative Humidity	5 to 95 percent noncondensing	5 to 95 percent noncondensing
Nonoperating		
Temperature	-40 to 149ºF (-40 to 65ºC)	-40 to 149ºF (-40 to 65ºC)
Power Consumption	25W maximum	25W maximum
Physical Specifications		
Dimensions (H x W x D)	1.57 x 5.31 x 9.09 in. (3.99 x 13.49 x 23.09 cm)	1.57 x 5.31 x 9.09 in. (3.99 x 13.49 x 23.09 cm)
Weight	1.00 lb (0.45 kg)	1.00 lb (0.45 kg)
Regulatory and Standards Compliance		
Safety	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950	UL 60950, CSA C22.2 No. 60950, EN 60950 IEC 60950, AS/NZS60950
Electromagnetic Compatibility (EMC)	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3	CE marking, FCC Part 15 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55022 Class A, CISPR22 Class A, EN61000-3-2, EN61000-3-3

Ordering Information

To place an order, visit the [Cisco Ordering Home Page](). Table 6 provides ordering information for the Cisco ASA 5500 Series and ASA 5500-X Series Next-Generation Firewalls.

Table 6. Ordering Information

Product Name	Part Number
Cisco ASA Next-Generation Firewall Services Subscription Licenses	
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, DES encryption, SSD 120GB	ASA5525-SSD120-K8
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, 3DES/AES encryption, SSD 120GB	ASA5525-SSD120-K9
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, DES encryption, 2 SSD 120GB	ASA5545-2SSD120-K8
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, 3DES/AES encryption, 2 SSD 120GB	ASA5545-2SSD120-K9
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, DES encryption, 2 SSD 120GB	ASA5555-2SSD120-K8
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, 3DES/AES encryption, 2 SSD 120GB	ASA5555-2SSD120-K9
Cisco ASA 5500 Series Firewall Edition Bundles	
Cisco ASA 5520 Firewall Edition; includes 4 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 750 IPsec VPN peers, 2 Premium VPN peers, Active/Active and Active/Standby high availability, 3DES/AES license	ASA5520-BUN-K9
Cisco ASA 5520 Firewall Edition; includes 4 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 750 IPsec VPN peers, 2 Premium VPN peers, Active/Active and Active/Standby high availability, DES license	ASA5520-K8
Cisco ASA 5540 Firewall Edition; includes 4 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 5000 IPsec VPN peers, 2 Premium VPN peers, 3DES/AES license	ASA5540-BUN-K9
Cisco ASA 5540 Firewall Edition; includes 4 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 5000 IPsec VPN peers, 2 Premium VPN peers, DES license	ASA5540-K8
Cisco ASA 5550 Firewall Edition; includes 8 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 4 Gigabit SFP interfaces, 5000 IPsec VPN peers, 2 Premium VPN peers, 3DES/AES license	ASA5550-BUN-K9
Cisco ASA 5550 Firewall Edition; includes 8 Gigabit Ethernet interfaces + 1 Fast Ethernet interface, 4 Gigabit SFP interfaces, 5000 IPsec VPN peers, 2 Premium VPN peers, DES license	ASA5550-K8
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, no payload encryption	ASA5525-K7
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	ASA5525-K8
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 DC power supply, Active/Active High Availability, 2 security contexts, DES license	ASA5525-DC-K8
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, 3DES/AES license	ASA5525-K9
Cisco ASA 5525-X Firewall Edition; includes firewall services, 750 IPsec VPN peers, 2 SSL VPN peers, 14 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5525-CU-K9
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 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, no payload encryption	ASA5545-K7

Product Name	Part Number
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 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	ASA5545-K8
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 DC power supply, Active/Active High Availability, 2 security contexts, DES license	ASA5545-DC-K8
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 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, 3DES/AES license	ASA5545-K9
Cisco ASA 5545-X Firewall Edition; includes firewall services, 2500 IPsec VPN peers, 2 SSL VPN peers, 14 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1+1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5545-CU-2AC-K9
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 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, no payload encryption	ASA5545-K7
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 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	ASA5545-K8
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 DC power supply, Active/Active High Availability, 2 security contexts, DES license	ASA5555-DC-K8
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 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, 3DES/AES license	ASA5545-K9
Cisco ASA 5555-X Firewall Edition; includes firewall services, 5000 IPsec VPN peers, 2 SSL VPN peers, 14 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1+1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5555-CU-2AC-K9
Cisco ASA 5500 Series IPS Edition Bundles	
Cisco ASA 5520 IPS Edition; includes AIP-SSM-10, firewall services, 750 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-AIP10-K9
Cisco ASA 5520 IPS Edition; includes AIP-SSM-20, firewall services, 750 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-AIP20-K9
Cisco ASA 5520 IPS Edition; includes AIP-SSM-40, firewall services, 750 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-AIP40-K9
Cisco ASA 5540 IPS Edition; includes AIP-SSM-20, firewall services, 5000 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5540-AIP20-K9
Cisco ASA 5540 IPS Edition; includes AIP-SSM-40, firewall services, 5000 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5540-AIP40-K9
Cisco ASA 5525-X IPS Edition; includes IPS service, 750 IPsec VPN peers, 2 SSL VPN peers, firewall services, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet Management, 1 AC power supply, Active/Active High Availability, 2 security contexts, DES license	ASA5525-IPS-K8
Cisco ASA 5525-X IPS Edition; includes IPS service, 750 IPsec VPN peers, 2 SSL VPN peers, firewall services, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5525-IPS-K9
Cisco ASA 5545-X IPS Edition; includes IPS service, 2500 IPsec VPN peers, 2 SSL VPN peers, firewall services, 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	ASA5545-IPS-K8
Cisco ASA 5545-X IPS Edition; includes IPS service, 2500 IPsec VPN peers, 2 SSL VPN peers, firewall services, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5545-IPS-K9
Cisco ASA 5555-X IPS Edition; includes IPS service, 5000 IPsec VPN peers, 2 SSL VPN peers, firewall services, 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	ASA5555-IPS-K8
Cisco ASA 5555-X IPS Edition; includes IPS service, 5000 IPsec VPN peers, 2 SSL VPN peers, firewall services, 8 copper Gigabit Ethernet data ports, 1 copper Gigabit Ethernet management port, 1 AC power supply, Active/Active High Availability, 2 security contexts, 3DES/AES license	ASA5555-IPS-K9

Product Name	Part Number
Cisco ASA 5500 Series Content Security Edition Bundles	
Cisco ASA 5520 Content Security Edition; includes CSC-SSM-10, 50-user antivirus/antispyware with 1-year subscription, firewall services, 750 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-CSC10-K9
Cisco ASA 5520 Content Security Edition; includes CSC-SSM-20, 500-user antivirus/antispyware with 1-year subscription, firewall services, 750 IPsec VPN peers, 2 Premium VPN peers, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-CSC20-K9
Cisco ASA 5500 Series SSL/IPsec VPN Edition Bundles	
Cisco ASA 5520 SSL/IPsec VPN Edition; includes 750 IPsec VPN peers, 500 Premium VPN peers, firewall services, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5520-SSL500-K9
Cisco ASA 5540 SSL/IPsec VPN Edition; includes 5000 IPsec VPN peers, 1000 Premium VPN peers, firewall services, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5540-SSL1000-K9
Cisco ASA 5540 SSL/IPsec VPN Edition; includes 5000 IPsec VPN peers, 2500 Premium VPN peers, firewall services, 4 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5540-SSL2500-K9
Cisco ASA 5550 SSL/IPsec VPN Edition; includes 5000 IPsec VPN peers, 2500 Premium VPN peers, firewall services, 8 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5550-SSL2500-K9
Cisco ASA 5550 SSL/IPsec VPN Edition; includes 5000 IPsec VPN peers, 5000 Premium VPN peers, firewall services, 8 Gigabit Ethernet interfaces, 1 Fast Ethernet interface	ASA5550-SSL5000-K9
Security Services Modules	
Cisco ASA Advanced Inspection and Prevention Security Services Card 5 (AIP-SSC-5)	ASA-SSC-AIP-5-K9=
Cisco ASA Advanced Inspection and Prevention Security Services Module 10 (AIP-SSM-10)	ASA-SSM-AIP-10-K9=
Cisco ASA Advanced Inspection and Prevention Security Services Module 20 (AIP-SSM-20)	ASA-SSM-AIP-20-K9=
Cisco ASA Advanced Inspection and Prevention Security Services Module 40 (AIP-SSM-40)	ASA-SSM-AIP-40-K9=
Cisco ASA Content Security and Control Security Services Module 10 (CSC-SSM-10) with 50-user antivirus/antispyware, 1-year subscription	ASA-SSM-CSC-10-K9=
Cisco ASA Content Security and Control Security Services Module 20 (CSC-SSM-20) with 500-user antivirus/antispyware, 1-year subscription	ASA-SSM-CSC-20-K9=
Cisco ASA 4-Port Gigabit Ethernet Security Services Module	SSM-4GE=
Interface Cards	
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5512-X and ASA 5515-X	ASA-IC-6GE-CU-A
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5525-X	ASA-IC-6GE-CU-B
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5545-X and ASA 5555-X	ASA-IC-6GE-CU-C
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5512-X and ASA 5515-X	ASA-IC-6GE-SFP-A
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5525-X	ASA-IC-6GE-SFP-B
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5545-X and ASA 5555-X	ASA-IC-6GE-SFP-C
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5512-X and ASA 5515-X (spare)	ASA-IC-6GE-CU-A=
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5525-X (spare)	ASA-IC-6GE-CU-B=
Cisco ASA Interface Card with 6 copper Gigabit Ethernet data ports for ASA 5545-X and ASA 5555-X (spare)	ASA-IC-6GE-CU-C=
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5512-X and ASA 5515-X (spare)	ASA-IC-6GE-SFP-A=
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5525-X (spare)	ASA-IC-6GE-SFP-B=
Cisco ASA Interface Card with 6 SFP Gigabit Ethernet data ports (SX, LH, LX) for ASA 5545-X and ASA 5555-X (spare)	ASA-IC-6GE-SFP-C=
Cisco ASA 5500 Series Software	
Cisco ASA Software one-time upgrade for nonsupport customers	ASA-SW-UPGRADE=

Product Name	Part Number
Application Visibility and Control (AVC) Software Subscriptions	
ASA 5525-X CX Application Visibility and Control; 1-year	ASA5525-AP1Y
ASA 5525-X CX Application Visibility and Control; 1-year (eDelivery Spare)	L-ASA5525-AP1Y=
ASA 5525-X CX Application Visibility and Control; 3-year	ASA5525-AP3Y
ASA 5525-X CX Application Visibility and Control; 3-year (eDelivery Spare)	L-ASA5525-AP5Y=
ASA 5525-X CX Application Visibility and Control; 5-year	ASA5525-AP5Y
ASA 5525-X CX Application Visibility and Control; 5-year (eDelivery Spare)	L-ASA5525-AP5Y=
ASA 5545-X CX Application Visibility and Control; 1-year	ASA5545-AP1Y
ASA 5545-X CX Application Visibility and Control; 1-year (eDelivery Spare)	L-ASA5525-AP1Y=
ASA 5545-X CX Application Visibility and Control; 3-year	ASA5545-AP3Y
ASA 5545-X CX Application Visibility and Control; 3-year (eDelivery Spare)	L-ASA5545-AP5Y=
ASA 5545-X CX Application Visibility and Control; 5-year	ASA5545-AP5Y
ASA 5545-X CX Application Visibility and Control; 5-year (eDelivery Spare)	L-ASA5545-AP5Y=
ASA 5555-X CX Application Visibility and Control; 1-year	ASA5555-AP1Y
ASA 5555-X CX Application Visibility and Control; 1-year (eDelivery Spare)	L-ASA5555-AP1Y=
ASA 5555-X CX Application Visibility and Control; 3-year	ASA5545-AP3Y
ASA 5555-X CX Application Visibility and Control; 3-year (eDelivery Spare)	L-ASA5555-AP5Y=
ASA 5555-X CX Application Visibility and Control; 5-year	ASA5555-AP5Y
ASA 5555-X CX Application Visibility and Control; 5-year (eDelivery Spare)	L-ASA5555-AP5Y=
Web Security Essentials (WSE) Software Subscriptions	
ASA 5525-X CX Web Security Essentials; 1-year	ASA5525-WS1Y
ASA 5525-X CX Web Security Essentials; 1-year (eDelivery Spare)	L- ASA5525-WS1Y=
ASA 5525-X CX Web Security Essentials; 3-year	ASA5525-WS3Y
ASA 5525-X CX Web Security Essentials; 3-year (eDelivery Spare)	L- ASA5525-WS3Y=
ASA 5525-X CX Web Security Essentials; 5-year	ASA5525-WS5Y
ASA 5525-X CX Web Security Essentials; 5-year (eDelivery Spare)	L- ASA5525-WS5Y=
ASA 5545-X CX Web Security Essentials; 1-year	ASA5545-WS1Y
ASA 5545-X CX Web Security Essentials; 1-year (eDelivery Spare)	L- ASA5545-WS1Y=
ASA 5545-X CX Web Security Essentials; 3-year	ASA5545-WS3Y
ASA 5545-X CX Web Security Essentials; 3-year (eDelivery Spare)	L- ASA5545-WS3Y=
ASA 5545-X CX Web Security Essentials; 5-year	ASA5545-WS5Y
ASA 5545-X CX Web Security Essentials; 5-year (eDelivery Spare)	L- ASA5545-WS5Y=
ASA 5555-X CX Web Security Essentials; 1-year	ASA5555-WS1Y
ASA 5555-X CX Web Security Essentials; 1-year (eDelivery Spare)	L- ASA5555-WS1Y=
ASA 5555-X CX Web Security Essentials; 3-year	ASA5555-WS3Y
ASA 5555-X CX Web Security Essentials; 3-year (eDelivery Spare)	L- ASA5555-WS3Y=
ASA 5555-X CX Web Security Essentials; 5-year	ASA5555-WS5Y
ASA 5545-X Web Security Essentials; 5-year (eDelivery Spare)	L- ASA5555-WS5Y=

Product Name	Part Number
Application Visibility and Control and Web Security Essentials Bundle (AVC + WSE) Software Subscriptions	
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion)	ASA5525-AW1Y-PR
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion eDelivery Spare)	L-ASA5512-AW1Y-PR=
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion)	ASA5525-AW3Y-PR
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion eDelivery Spare)	L-ASA5525-AW3Y-PR =
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 5-year	ASA5525-AW5Y
ASA 5525-X CX Application Visibility and Control and Web Security Essentials; 5-year (eDelivery Spare)	L-ASA5525-AW5Y=
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion)	ASA5545-AW1Y-PR
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion eDelivery Spare)	L-ASA5545-AW1Y-PR =
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion)	ASA5545-AW3Y-PR
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion eDelivery Spare)	L-ASA5545-AW3Y-PR =
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 5-year	ASA5545-AW5Y
ASA 5545-X CX Application Visibility and Control and Web Security Essentials; 5-year (eDelivery Spare)	L-ASA5545-AW5Y=
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion)	ASA5555-AW1Y-PR
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 1-year (Promotion eDelivery Spare)	L-ASA5555-AW1Y-PR=
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion)	ASA5555-AW3Y-PR
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 3-year (Promotion eDelivery Spare)	L-ASA5555-AW3Y-PR=
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 5-year	ASA5555-AW5Y
ASA 5555-X CX Application Visibility and Control and Web Security Essentials; 5-year (eDelivery Spare)	L-ASA5555-AW5Y=
Cisco ASA 5500 Series Accessories	
Cisco ASA 5500 Series compact flash, 256 MB	ASA5500-CF-256MB=
Cisco ASA 5500 Series compact flash, 512 MB	ASA5500-CF-512MB=
Cisco ASA 5512-X through 5555-X 120 GB MLC SED SSD	ASA5500X-SSD120=
Cisco ASA 180W AC power supply	ASA-180W-PWR-AC=
Gigabit Ethernet optical SFP connector, 1000BASE-SX short-wavelength transceiver	GLC-SX-MM=
Gigabit Ethernet optical SFP connector, 1000BASE-LX/LH long-wavelength/long-haul transceiver	GLC-LH-SM=
Gigabit Ethernet optical SFP connector, 1000BASE-SX short-wavelength transceiver, DOM	GLC-SX-MMD=
Gigabit Ethernet optical SFP connector, 1000BASE-LX/LH long-wavelength/long-haul transceiver, DOM	GLC-LH-SMD=
Cisco ASA 5545-X/5555-X AC power supply	ASA-PWR-AC
Cisco ASA 5545-X/5555-X AC power supply (spare)	ASA-PWR-AC=
Cisco ASA 5545-X/5555-X DC power supply	ASA-PWR-DC
Cisco ASA 5512-X, 5515-X, 5525-X, 5545-X, 5555-X rail kit for rack mounting	ASA-RAILS=
Cisco ASA 5512-X, 5515-X, 5525-X brackets for rack mounting	ASA-BRACKETS=
Cisco ASA 5545-X/5555-X power slot (blank)	ASA-PWR-BLANK=
Cisco ASA 5525-X/5545-X/5555-X hard drive slot (blank)	ASA-HD-BLANK=
Cisco ASA 5525-X interface card slot (blank)	ASA-IC-B-BLANK=
Cisco ASA 5545-X/5555-X interface card slot (blank)	ASA-IC-C-BLANK=

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