

Cisco ASA with FirePOWER Services

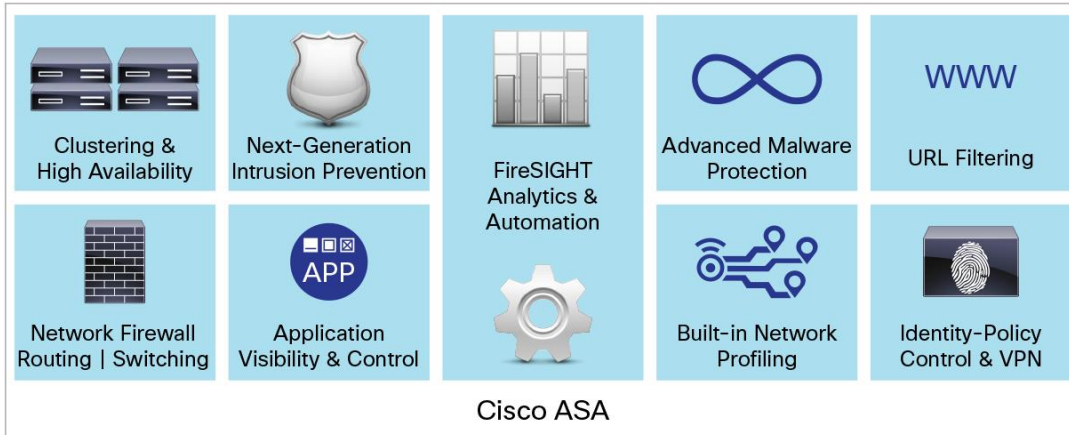
Meet the industry's first adaptive, threat-focused next-generation firewall (NGFW) designed for a new era of threat and advanced malware protection. Cisco® ASA with FirePOWER Services delivers integrated threat defense for the entire attack continuum - before, during, and after an attack. How? By combining the proven security capabilities of the Cisco ASA firewall with the industry-leading Sourcefire® threat and Advanced Malware Protection (AMP) features together in a single device. The solution uniquely extends the capabilities of the Cisco ASA 5500-X Series Next-Generation Firewalls beyond what today's NGFW solutions are capable of. Whether you need protection for a small or mid-sized business, a distributed enterprise, or a single data center, Cisco® ASA with FirePOWER Services provides the needed scale and context in a NGFW solution.

Superior Multilayered Protection

Cisco ASA with FirePOWER Services brings distinctive threat-focused next-generation security services to the Cisco ASA 5500-X Series Next-Generation Firewalls and Cisco ASA 5585-X Adaptive Security Appliance firewall products. It provides comprehensive protection from known and advanced threats, including protection against targeted and persistent malware attacks (Figure 1). Cisco ASA is the world's most widely deployed, enterprise-class stateful firewall. Cisco ASA with FirePOWER Services features these comprehensive capabilities:

- Site-to-site and remote access VPN and advanced clustering provide highly secure, high-performance access and high availability to help ensure business continuity.
- Granular Application Visibility and Control (AVC) supports more than 3,000 application-layer and risk-based controls that can launch tailored intrusion prevention system (IPS) threat detection policies to optimize security effectiveness.
- The industry-leading Cisco ASA with FirePOWER next-generation IPS (NGIPS) provides highly effective threat prevention and full contextual awareness of users, infrastructure, applications, and content to detect multivector threats and automate defense response.
- Reputation- and category-based URL filtering offer comprehensive alerting and control over suspicious web traffic and enforce policies on hundreds of millions of URLs in more than 80 categories.
- AMP provides industry-leading breach detection effectiveness, a low total cost of ownership, and superior protection value that helps you discover, understand, and stop malware and emerging threats missed by other security layers.

Figure 1. Cisco ASA with FirePOWER Services: Key Security Features



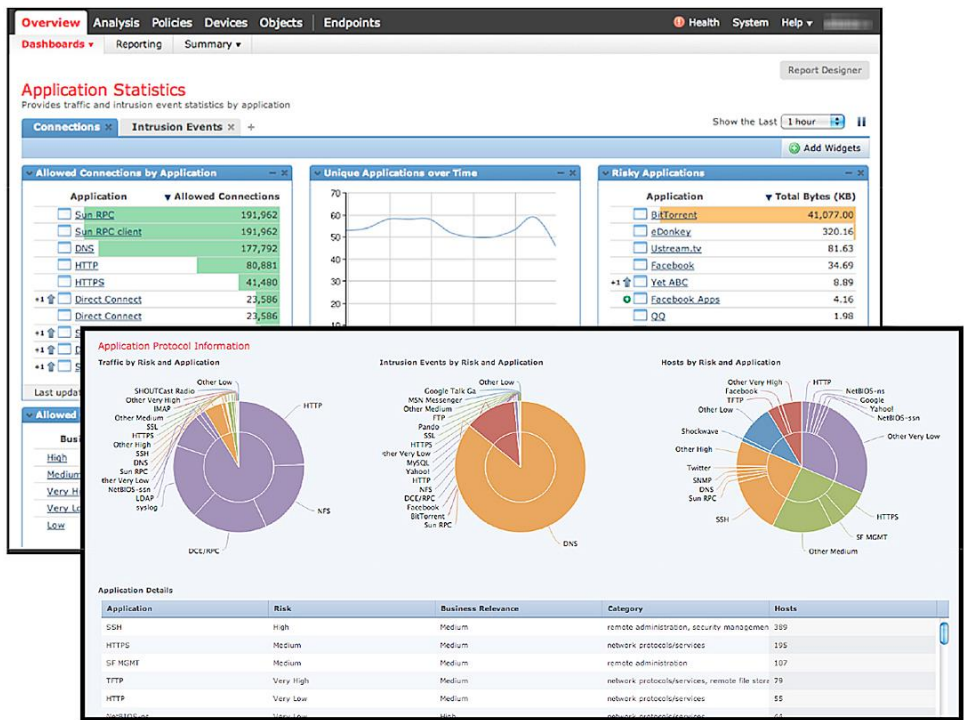
Unprecedented Network Visibility

Cisco ASA with FirePOWER Services is centrally managed by the Cisco FireSIGHT Management Center, which provides security teams with comprehensive visibility into and control over activity within the network. Such visibility includes users, devices, communication between virtual machines, vulnerabilities, threats, client-side applications, files, and web sites. Holistic, actionable indications of compromise (IoCs) correlate detailed network and endpoint event information and provide further visibility into malware infections. Cisco's enterprise-class management tools help administrators reduce complexity with unmatched visibility and control across NGFW deployments. Cisco FireSIGHT Management Center also provides content awareness with malware file trajectory that aids infection scoping and root cause determination to speed time to remediation.

Cisco Security Manager provides scalable and centralized network operations workflow management. It integrates a powerful suite of capabilities; including policy and object management, event management, reporting, and troubleshooting for Cisco ASA firewall functions when utilizing Cisco FireSIGHT Management Center.

For local, on-device management including deployments for small and midsized businesses, Cisco Adaptive Security Device Manager (ASDM) 7.3.x provides, access control and advanced threat defense management. ASDM V 7.3.x provides an enhanced user interface that provides quick views on trends and the ability to drill down for further analysis.

Figure 2. Cisco FireSIGHT Management Center: Intuitive High-Level and Detailed Drill-Down Dashboards



Reduced Costs and Complexity

Cisco ASA with FirePOWER Services incorporates an integrated approach to threat defense, reducing capital and operating costs and administrative complexity. It smoothly integrates with the existing IT environment, work stream, and network fabric. The appliance family is highly scalable, performs at up to multigigabit speeds, and provides consistent and robust security across branch, Internet edge, and data centers in both physical and virtual environments.

With Cisco FireSIGHT Management Center, administrators can streamline operations to correlate threats, assess their impact, automatically tune security policy, and easily attribute user identities to security events. Cisco FireSIGHT Management Center continually monitors how the network is changing over time. New threats are automatically assessed to determine which ones can affect your business. Responses are then focused on remediation and network defenses are adapted to changing threat conditions. Critical security activities such as policy tuning are automated, saving time and effort, while protections and countermeasures are maintained in an optimal state.

Cisco FireSIGHT Management Center integrates easily with third-party security solutions through the eStreamer API to streamline operation workflows and fit existing network fabrics.

Table 1 highlights the best-in-class features and benefits of Cisco ASA with FirePOWER Services.

Table 1. Features and Benefits of Cisco ASA with FirePOWER Services

| Feature | Benefits |
|---|---|
| Next-generation firewall | Industry's first threat-focused NGFW; provides ASA firewall functionality, advanced threat protection, and advanced breach detection and remediation combined in a single device |
| Proven ASA firewall | Rich routing, stateful firewall, Network Address Translation, and dynamic clustering for high-performance, highly secure, and reliable access with Cisco AnyConnect® VPN |
| Market-leading NGIPS | Superior threat prevention and mitigation for both known and unknown threats |
| Advanced malware protection | Detection, blocking, tracking, analysis, and remediation to protect the enterprise against targeted and persistent malware attacks |
| Full contextual awareness | Policy enforcement based on complete visibility of users, mobile devices, client-side applications, communication between virtual machines, vulnerabilities, threats, and URLs |
| Application control and URL filtering | Application-layer control (over applications, geolocations, users, websites) and ability to enforce usage and tailor detection policies based on custom applications and URLs |
| Enterprise-class management | Dashboards and drill-down reports of discovered hosts, applications, threats, and indications of compromise for comprehensive visibility |
| Streamlined operations automation | Lower operating cost and administrative complexity with threat correlation, impact assessment, automated security policy tuning, and user identification |
| Purpose-built, scalable | Highly scalable security appliance architecture that performs at up to multigigabit speeds; consistent and robust security across small office, branch offices, Internet edge, and data centers in either physical and virtual environments |
| On-device management | Simplifies advanced threat defense management for small and medium sized business with small scale deployments |
| Remote Access VPN | Extends secure corporate network access beyond corporate laptops to personal mobile devices, regardless of physical location; support for Cisco AnyConnect Secure Mobility Solution, with granular, application-level VPN capability, as well as native Apple iOS and Android VPN clients |
| Site-to-site VPN | Protect traffic, including VoIP and client-server application data, across the distributed enterprise and branch offices |
| Integrated wireless access | Integrated Wi-Fi is available in the desktop form factor (ASA 5506W-X) for compact and simplified small office deployments |
| Ruggedized form factor | A ruggedized model (ASA 5506H-X), designed specifically for extreme environmental conditions, is available for critical infrastructure and control network applications |
| Third-party technology ecosystem | Open API that enables the third-party technology ecosystem to integrate with existing customer work streams |
| Integration with Snort and OpenAppID | Open source security integration with Snort and OpenAppID for access to community resources and ability to easily customize security to address new and specific threats and applications quickly |
| Collective Security intelligence (CSI) | Unmatched security and web reputation intelligence provides real-time threat intelligence and security protection |

Product Performance and Specifications

Table 2 details the NGFW capabilities and capacities of the Cisco ASA with FirePOWER Services for Cisco ASA 5500-X Series.

Table 2. Cisco ASA 5500-X with FirePOWER Services Capabilities and Capacities

| Feature | Cisco ASA 5506-X w/ FirePOWER Services | Cisco ASA 5506W-X w/ FirePOWER Services | Cisco ASA 5506H-X w/ FirePOWER Services | Cisco ASA 5508-X w/ FirePOWER Services | Cisco ASA 5516-X w/ FirePOWER Services | Cisco ASA 5512-X w/ FirePOWER Services | Cisco ASA 5515-X w/ FirePOWER Services | Cisco ASA 5525-X w/ FirePOWER Services | Cisco ASA 5545-X w/ FirePOWER Services | Cisco ASA 5555-X w/ FirePOWER Services |
|--|---|---|---|--|--|--|--|--|--|--|
| Maximum Throughput: Application Control (AVC) | 250 Mbps | 250 Mbps | 250 Mbps | 450 Mbps | 850 Mbps | 300 Mbps | 500 Mbps | 1,100 Mbps | 1,500 Mbps | 1,750 Mbps |
| Maximum Throughput: Application Control (AVC) and IPS | 125 Mbps | 125 Mbps | 125 Mbps | 250 Mbps | 450 Mbps | 150 Mbps | 250 Mbps | 650 Mbps | 1,000 Mbps | 1,250 Mbps |
| Sizing Throughput [440 byte HTTP]²: Application Control (AVC) or IPS | 90 Mbps | 90 Mbps | 90 Mbps | 180 Mbps | 300 Mbps | 100 Mbps | 150 Mbps | 375 Mbps | 575 Mbps | 725 Mbps |
| Maximum concurrent sessions | 20,000; 50000 ¹ | 20,000; 50000 ¹ | 50000 | 100,000 | 250,000 | 100,000 | 250,000 | 500,000 | 750,000 | 1,000,000 |
| Maximum New Connections per second | 5,000 | 5,000 | 5,000 | 10,000 | 20,000 | 10,000 | 15,000 | 20,000 | 30,000 | 50,000 |
| Supported applications | More than 3,000 | | | | | | | | | |
| URL categories | 80+ | | | | | | | | | |
| Number of URLs categorized | More than 280 million | | | | | | | | | |
| Centralized configuration, logging, monitoring, and reporting | Multi-device Cisco Security Manager (CSM) and Cisco FireSIGHT Management Center | | | | | | | | | |
| On-Device Management | ASDM (version 7.3 or higher required) | | | | | ASDM | | | | |

¹ Higher specifications are associated with the Security Plus license.

² Activating more features will change performance

Table 3 compares the features and capacities of the different ASA 5500-X Series Next-Generation Firewalls for small offices, branch locations, and Internet edge deployments.

Table 3. Cisco ASA 5500-X Series Next-Generation Firewalls

| Feature | Cisco ASA 5506-X w/ FirePOWER Services | Cisco ASA 5506W-X w/ FirePOWER Services | Cisco ASA 5506H-X w/ FirePOWER Services | Cisco ASA 5508-X w/ FirePOWER Services | Cisco ASA 5516-X w/ FirePOWER Services | Cisco ASA 5512-X w/ FirePOWER Services | Cisco ASA 5515-X w/ FirePOWER Services | Cisco ASA 5525-X w/ FirePOWER Services | Cisco ASA 5545-X w/ FirePOWER Services | Cisco ASA 5555-X w/ FirePOWER Services |
|---|--|--|---|--|--|--|--|--|--|--|
| Stateful inspection throughput (maximum ¹) | 750 Mbps | 750 Mbps | 750 Mbps | 1 Gbps | 1.8 Gbps | 1 Gbps | 1.2 Gbps | 2 Gbps | 3 Gbps | 4 Gbps |
| Stateful inspection throughput (multiprotocol ²) | 300 Mbps | 300 Mbps | 300 Mbps | 500 Mbps | 900 Mbps | 500 Mbps | 600 Mbps | 1 Gbps | 1.5 Gbps | 2 Gbps |
| Triple Data Encryption Standard/Advanced Encryption Standard (3DES/AES) VPN throughput ³ | 100 Mbps | 100 Mbps | 100 Mbps | 175 Mbps | 250 Mbps | 200 Mbps | 250 Mbps | 300 Mbps | 400 Mbps | 700 Mbps |
| Users/nodes | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| IPsec site-to-site VPN peers | 10; 50 ⁴ | 10; 50 ⁴ | 50 | 100 | 300 | 250 | 250 | 750 | 2500 | 5000 |
| Cisco Cloud Web Security users | 275 | 275 | 275 | 565 | 2000 | 2000 | 3000 | 4000 | 5000 | 6000 |
| Cisco AnyConnect Plus/Apex VPN maximum simultaneous connections ⁵ | 50 ⁵ | 50 ⁵ | 50 ⁵ | 100 ⁵ | 300 ⁵ | 250 ⁵ | 250 ⁵ | 750 ⁵ | 2500 ⁵ | 5000 ⁵ |
| Virtual interfaces (VLANs) | 5; 30 ⁴ | 5; 30 ⁴ | 30 | 50 | 100 | 50; 100 | 100 | 200 | 300 | 500 |
| Security contexts ⁵ (included; maximum) | N/A | N/A | N/A | 2; 5 | 2; 5 | 0,0; 2,5 | 2,5 | 2; 20 | 2; 50 | 2; 100 |
| High availability ⁴ | Requires Security Plus License; Active/Standby | Requires Security Plus License; Active/Standby | Active/Standby | Active/Active and Active/Standby | Active/Active and Active/Standby | Requires Security Plus License; 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 |

| Feature | Cisco ASA 5506-X w/ FirePOWER Services | Cisco ASA 5506W-X w/ FirePOWER Services | Cisco ASA 5506H-X w/ FirePOWER Services | Cisco ASA 5508-X w/ FirePOWER Services | Cisco ASA 5516-X w/ FirePOWER Services | Cisco ASA 5512-X w/ FirePOWER Services | Cisco ASA 5515-X w/ FirePOWER Services | Cisco ASA 5525-X w/ FirePOWER Services | Cisco ASA 5545-X w/ FirePOWER Services | Cisco ASA 5555-X w/ FirePOWER Services |
|--|---|---|--|---|---|---|--|--|--|--|
| Integrated Wireless Access Point (See Cisco AP 702 datasheet for WiFi technical details) | N/A | Wireless Bands a/b/g/n; Max n wifi throughput 54 Mbps; internal antenna only; local management or centralized via Cisco WLC | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Expansion slot | N/A | N/A | N/A | N/A | N/A | 1 interface card | 1 interface card | 1 interface card | 1 interface card | 1 interface card |
| User-accessible Flash slot | No | No | No | No | No | No | No | 0 | - | 0 |
| USB 2.0 ports | USB port type 'A', High Speed 2.0 | USB port type 'A', High Speed 2.0 | USB port type 'A', High Speed 2.0 | USB port type 'A', High Speed 2.0 | USB port type 'A', High Speed 2.0 | 2 | 2 | 2 | 2 | 2 |
| Integrated I/O | 8 x 1 Gigabit Ethernet (GE) | 8 x 1GE | 4 x 1GE | 8 x 1GE | 8 x 1GE | 6 GE copper | 6 GE copper | 8 GE copper | 8 GE copper | 8 GE copper |
| Expansion I/O | N/A | N/A | N/A | N/A | N/A | 6 GE copper or 6 GE Small Form-Factor Pluggable (SFP) | 6 GE copper or 6 GE SFP | 6 GE copper or 6 GE SFP | 6 GE copper or 6 GE SFP | 6 GE copper or 6 GE SFP |
| Dedicated management port | Yes (To be shared with FirePOWER Services), 10/100/1000 | Yes (To be shared with FirePOWER Services), 10/100/1000 | Yes (To be shared with FirePOWER Services), 10/100/1000 Base-T, 100Base-FX, 1000Base-X | Yes (To be shared with FirePOWER Services), 10/100/1000 | Yes (To be shared with FirePOWER Services), 10/100/1000 | Yes (1 GE) | Yes (1 GE) | Yes (1 GE) | Yes (1 GE) | Yes (1 GE) |
| Serial ports | 1 RJ-45 and Mini USB console | 1 RJ-45 and Mini USB console | 1 RJ-45 and Mini USB console | 1 RJ-45 and Mini USB console | 1 RJ-45 and Mini USB console | 1 RJ-45 console | 1 RJ-45 console | 1 RJ-45 console | 1 RJ-45 console | 1 RJ-45 console |
| Solid-state drive | 50 GB mSata ⁶ | 50 GB mSata ⁶ | 50 GB mSata tested for heat | 80 GB mSata ⁶ | 100 GB mSata ⁶ | 1 slot, 120 GB multiline configurator self-encrypting drive (MLC SED) | 1 slot, 120 GB MLC SED | 1 slot, 120 GB MLC SED | 2 slots, RAID 1 120 GB MLC SED | 2 slots, RAID 1 120 GB MLC SED |
| Memory | 4 GB | 4 GB | 4 GB | 8 GB | 8 GB | 4 GB | 8 GB | 8 GB | 12 GB | 16 GB |

| Feature | Cisco ASA 5506-X w/ FirePOWER Services | Cisco ASA 5506W-X w/ FirePOWER Services | Cisco ASA 5506H-X w/ FirePOWER Services | Cisco ASA 5508-X w/ FirePOWER Services | Cisco ASA 5516-X w/ FirePOWER Services | Cisco ASA 5512-X w/ FirePOWER Services | Cisco ASA 5515-X w/ FirePOWER Services | Cisco ASA 5525-X w/ FirePOWER Services | Cisco ASA 5545-X w/ FirePOWER Services | Cisco ASA 5555-X w/ FirePOWER Services |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|
| Minimum system flash | 8 GB | 8 GB | 8 GB | 8GB | 8GB | 4 GB | 8 GB | 8 GB | 8 GB | 8 GB |
| System bus | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture | Multibus architecture |
| Operating Parameters | | | | | | | | | | |
| Temperature | 32 to 104°F (0 to 40 °C) | 32 to 104°F (0 to 40 °C) | -4 to 140°F (-20 to 60 °C) | 32 to 104°F (0 to 40 °C) | 32 to 104°F (0 to 40 °C) | 23 to 104°F (-5 to 40°C) | 23 to 104°F (-5 to 40°C) | 23 to 104°F (-5 to 40°C) | 23 to 104°F (-5 to 40°C) | 23 to 104°F (-5 to 40°C) |
| Relative humidity | 90 percent noncondensing | 90 percent noncondensing | 95 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 90 percent | 90 percent | 90 percent |
| Altitude | Designed and tested for 0 to 10,000 ft (3048 m) | Designed and tested for 0 to 10,000 ft (3048 m) | Designed and tested for 0 to 10,000 ft (3050 m) | Designed and tested for 0 to 10,000 ft (3048 m) | Designed and tested for 0 to 10,000 ft (3048 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 10,000 ft (3050 m) | Designed and tested for 0 to 10,000 ft (3050 m) | Designed and tested for 0 to 10,000 ft (3050 m) |
| Acoustic noise | Fanless 0 dBA | Fanless 0 dBA | Fanless 0 dBA | 41.6 A-weighted decibels (dBA) type | 41.6 dBA type | 64.2 dBA max | 64.2 dBA max | 64.2 dBA max | 67.9 dBA max | 67.9 dBA max |
| | | | | 67.2 dBA max | 67.2 dBA max | | | | | |
| Non-operating Parameters | | | | | | | | | | |
| Temperature⁷ | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -40 to 185°F (-40 to 85°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) | -13 to 158°F (-25 to 70°C) |
| Relative humidity | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 95 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent noncondensing | 10 to 90 percent | 10 to 90 percent | 10 to 90 percent |
| Altitude | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4570 m) | Designed and tested for 0 to 15,000 ft (4570 m) | Designed and tested for 0 to 15,000 ft (4572m) | Designed and tested for 0 to 15,000 ft (4572 m) | Designed and tested for 0 to 15,000 ft (4572 m) |
| Power Input (per power supply) | | | | | | | | | | |
| AC range line voltage | External, 90 to 240 volts alternating current (VAC) | External, 90 to 240 volts alternating current (VAC) | External, 90 to 240 volts alternating current (VAC) | External, 90 to 240 volts alternating current (VAC) | External, 90 to 240 volts alternating current (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 | 90 to 240 VAC | 90 to 240 VAC | 90 to 240 VAC | 91 to 240 VAC | 92 to 240 VAC | 100 to 240 VAC | 100 to 240 VAC | 100 to 240 VAC | 100 to 240 VAC | 100 to 240 VAC |
| AC current | N/A | N/A | N/A | 0.25AC amps | 0.25AC amps | 4.85A | 4.85A | 4.85A | 5A, 100 to 120V 2.5A, 200 to 240V | 5A, 100 to 120V 2.5A, 200 to 240V |

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|--------------------------------------|--|---|---|---|---|--|--|--|---|---|
| AC frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Dual-power supplies | None | None | None | None | None | None | None | None | Yes | Yes |
| DC domestic line voltage | N/A | N/A | N/A | N/A | N/A | -40.5 to 56 volts direct current (VDC) (-48 VDC nominal) | -40.5 to 56 VDC (-48 VDC nominal) | -40.5 to 56 VDC (-48 VDC nominal) | -40.5 to 56 VDC | -40.5 to 56 VDC |
| | | | | | | | | | (-48 VDC nominal) | (-48 VDC nominal) |
| DC international line voltage | N/A | N/A | N/A | N/A | N/A | -55 to -72 VDC | -55 to -72 VDC | -55 to -72 VDC | -55 to -72 VDC | -55 to -72 VDC |
| | | | | | | (-60 VDC nominal) | (-60 VDC nominal) | (-60 VDC nominal) | (-60 VDC nominal) | (-60 VDC nominal) |
| DC current | N/A | N/A | N/A | N/A | N/A | 15A (maximum input) | 15A (maximum input) | 15A (maximum input) | 15A (maximum input) | 15A (maximum input) |
| Output | | | | | | | | | | |
| Steady state | 12V @2.5A | 12V @2.5A | 5V @3.6A | 12V @ 3.0A | 12V @ 3.0A | 51W | 65W | 75W | 86W | 90W |
| Maximum peak | 12V @ 5A | 12V @ 5A | 5V @4.4A | 12V @ 5.0A | 12V @ 5.0A | 56W | 70W | 108W | 125W | 134W |
| Maximum heat dissipation | 103 British thermal units (Btu)/hr | 103 Btu/hr | 103 Btu/hr | 123 Btu/hr | 123 Btu/hr | 192 Btu/hr | 239 Btu/hr | 369 Btu/hr | 427 Btu/hr | 458 Btu/hr |
| Form factor | Desktop, rack mountable | Desktop, rack mountable | Desktop, rack mountable, wall-mountable, DIN-Rail | 1 rack unit (RU), 19-in. rack-mountable | 1 rack unit (RU), 19-in. rack-mountable | 1 rack unit (RU), 19-in. rack-mountable | 1RU, 19-in. rack-mountable | 1RU, 19-in. rack-mountable | 1RU, 19-in. rack-mountable | 1RU, 19-in. rack-mountable |
| Dimensions | 1.72 x 7.871 x 9.23 in. | 1.72 x 7.871 x 9.23 in. | 2.72 x 9.05 x 9.05 in. | 1.72 x 17.2 x 11.288 in. | 1.72 x 17.2 x 11.288 in. | 1.67 x 16.7 x 15.6 in. | 1.67 x 16.7 x 15.6 in. | 1.75 x 17.5 x 14.25 in. | 1.67 x 16.7 x 19.1 in. | 1.67 x 16.7 x 19.1 in. |
| (H x W x D) | (4.369 x 19.992 x 23.444 cm) | (4.369 x 19.992 x 23.444 cm) | (6.9 x 23.0 x 23.0 cm) | (4.369 x 43.688 x 28.672 cm) | (4.369 x 43.688 x 28.672 cm) | (4.24 x 42.9 x 39.5 cm) | (4.24 x 42.9 x 39.5 cm) | (4.45 x 20.04 x 36.20 cm) | (4.24 x 42.9 x 48.4 cm) | (4.24 x 42.9 x 48.4 cm) |
| Weight (with AC power supply) | 4 lb (1.82 kg) | 4 lb (1.82 kg) | 7 lb (3.18 kg) | 8 lb (3 kg) | 8 lb (3 kg) | 13.39 lb (6.07 kg) | 13.39 lb (6.07 kg) | 22.0 lb (10 kg) | 16.82 lb (7.63 kg) with single power supply | 16.82 lb (7.63 kg) with single power supply |
| | | | | | | | | | 18.86 lb (8.61 kg) with dual power supply | 18.86 lb (8.61 kg) with dual power supply |

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|--|--|---|---|--|--|--|---|---|---|---|---|
| Safety | UL 60950 | UL 60951 | UL 60950 | UL 60952 | UL 60953 | IEC 60950-1: 2005, 2 nd Edition; | IEC 60950-1: 2005, 2 nd Edition | IEC 60950-1: 2005, 2 nd Edition | IEC 60950-1: 2005, 2 nd Edition | IEC 60950-1: 2005, 2 nd Edition | |
| | CAN/CSA-C22.2 No. 60950 | CAN/CSA-C22.2 No. 60951 | CAN/CSA-C22.2 No. 60950 | CAN/CSA-C22.2 No. 60952 | CAN/CSA-C22.2 No. 60953 | EN 60950-1: 2006+A11: 2009; | EN 60950-1: 2006+A11: 2009 | EN 60950-1: 2006+A11: 2009 | EN 60950-1: 2006+A11: 2009 | EN 60950-1: 2006+A11: 2009 | |
| | EN 60950 | EN 60951 | EN 60950 | EN 60952 | EN 60953 | UL 60950-1: 2007, 2 nd Edition | UL 60950-1: 2007, 2 nd Edition | UL 60950-1: 2007, 2 nd Edition; | UL 60950-1: 2007, 2 nd Edition; | UL 60950-1: 2007, 2 nd Edition; | |
| | IEC 60950 | IEC 60951 | IEC 60950 | IEC 60952 | IEC 60953 | CSA C22.2 No. 60950-1-07, 2 nd Edition | CSA C22.2 No. 60950-1-07, 2 nd Edition | CSA C22.2 No. 60950-1-07, 2 nd Edition | CSA C22.2 No. 60950-1-07, 2 nd Edition | CSA C22.2 No. 60950-1-07, 2 nd Edition | |
| | AS/NZS 60950 | AS/NZS 60951 | AS/NZS 60950 | AS/NZS 60952 | AS/NZS 60953 | | | | | | |
| Electromagnetic compatibility (EMC) | 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN55024 QCVN 18: BTTTT | 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN55024 QCVN 18: BTTTT TCVN 7317 | IP40 per IEC 60529 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 EN61000-3-3 EN6100-3-11 EN6100-3-12 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 | 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN55024 QCVN 18: BTTTT | 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN55024 QCVN 18: BTTTT | 47 CFR Part 15 CISPR22: Edition 6.0 CNS13438 EN 300 386 V1.6.1 EN 55022 EN61000-3-2 EN61000-3-3 ICES-003 Issue 5 QCVN 54: BTTTT TCVN 7189 VCCI: V-3 CISPR24 EN 300 386 V1.6.1 EN301 489-1 v1.9.2 EN301 489-17 v2.1.1 EN301 489-24 v1.5.1 EN301 489-4 V1.4.1 EN301 489-7 v1.3.1 EN55024 QCVN 18: BTTTT | CE: EN55022 2006+A1: 2007 Class A; EN55024 1998+A1: 2001+A2: 2003; EN61000-3-2 2009; EN61000-3-3 2008 | CE: EN55022 2006+A1: 2007 Class A; EN55024 1998+A1: 2001+A2: 2003; EN61000-3-2 2009; EN61000-3-3 2008 | CE: EN55022 2006+A1: 2007 Class A; EN55024 1998+A1: 2001+A2: 2003; EN61000-3-2 2009; EN61000-3-3 2008 | CE: EN55022 2006+A1: 2007 Class A; EN55024 1998+A1: 2001+A2: 2003; EN61000-3-2 2009; EN61000-3-3 2008 | 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 | FCC: CFR 47, Part 15 Subpart B Class A 2010, ANSI C63.4 2009 | FCC: CFR 47, Part 15 Subpart B Class A 2010, ANSI C63.4 2009 | FCC: CFR 47, Part 15 Subpart B Class A 2010, ANSI C63.4 2009 | FCC: CFR 47, Part 15 Subpart B Class A 2010, ANSI C63.4 2009 | |

| Feature | Cisco ASA 5506-X w/ FirePOWER Services | Cisco ASA 5506W-X w/ FirePOWER Services | Cisco ASA 5506H-X w/ FirePOWER Services | Cisco ASA 5508-X w/ FirePOWER Services | Cisco ASA 5516-X w/ FirePOWER Services | Cisco ASA 5512-X w/ FirePOWER Services | Cisco ASA 5515-X w/ FirePOWER Services | Cisco ASA 5525-X w/ FirePOWER Services | Cisco ASA 5545-X w/ FirePOWER Services | Cisco ASA 5555-X w/ FirePOWER Services |
|--------------------------------|--|---|---|--|--|--|--|--|--|--|
| | TCVN 7317 | | v1.3.1 EN55024 QCVN 18: BTTT TCVN 7317 KN22 IEC61850-3 IEC61000-6-5 IEC61000-5 IEC611000-4-18 IEEE1613.1 IEEEC62.412IEC1613,IEC61850-3, IEC60068-2 | TCVN 7317 | TCVN 7317 | ICES-003 issue 4 February2004 | ICES-003 issue 4 February 2004 | ICES-003 issue 4 February 2004 | ICES-003 issue 4 February 2004 | ICES-003 issue 4 February 2004 |
| | | | | | | VCCI: V-3/2011.04 | VCCI: V-3/2011.04 | VCCI: V-3/2011.04 | VCCI: V-3/2011.04 | VCCI: V-3/2011.04 |
| | | | | | | C-TICK: AS/NZS CISPR 22,2009 | C-TICK: AS/NZS CISPR 22,2009 | C-TICK: AS/NZS CISPR 22,2009 | C-TICK: AS/NZS CISPR 22,2009 | C-TICK: AS/NZS CISPR 22,2009 |
| | | | | | | KC: KN22 & KN24 | KC: KN22 & KN24 | KC: KN22 & KN24 | KC: KN22 & KN24 | KC: KN22 & KN24 |
| | | | | | | | | | | |
| Industry certifications | In process | In process | In process | In process | In process | In process | In process | In process | In process | In process |

¹ Maximum throughput measured with UDP traffic under ideal conditions.

² Multiprotocol = Traffic profile consisting primarily of TCP-based protocols/applications like HTTP, SMTP, FTP, IMAPv4, BitTorrent, and DNS.

³ 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.

⁴ Higher specifications are associated with the Security Plus license.

⁵ Separately licensed feature. For AnyConnect, licenses are purchased based on feature tier (Plus/Apex), term and authorized user license. See ordering guide below for detailed ordering instructions.

⁶ Usable space dependent upon system software.

⁷ Derate the maximum operating temperature 1.5°C per 1000 ft above sea level.

Hardware Product Performance and Specifications

Table 4 provides a comparison of the Cisco ASA with Cisco FirePOWER Security Services Processor (SSP) 10, 20, 40, and 60 hardware blades.

Table 4. Cisco ASA 5585-X with FirePOWER Services Hardware Blade Capabilities and Capacities

| Feature | Cisco ASA 5585-X SSP-10 w/ FirePOWER Services | Cisco ASA 5585-X SSP-20 w/ FirePOWER Services | Cisco ASA 5585-X SSP-40 w/ FirePOWER Services | Cisco ASA 5585-X SSP-60 w/ FirePOWER Services |
|--|---|---|---|---|
| Maximum Throughput: Application Control (AVC) | 4.5 Gbps | 7 Gbps | 10 Gbps | 15 Gbps |

| Feature | Cisco ASA 5585-X SSP-10 w/ FirePOWER Services | Cisco ASA 5585-X SSP-20 w/ FirePOWER Services | Cisco ASA 5585-X SSP-40 w/ FirePOWER Services | Cisco ASA 5585-X SSP-60 w/ FirePOWER Services |
|--|---|---|---|---|
| Maximum Throughput: Application Control (AVC) and IPS | 2 Gbps | 3.5 Gbps | 6 Gbps | 10 Gbps |
| Sizing Throughput [440 byte HTTP2]: Application Control (AVC) or IPS ¹ | 1.2 Gbps | 2 Gbps | 3.5 Gbps | 6 Gbps |
| Maximum concurrent sessions | 500,000 | 1,000,000 | 1,800,000 | 4,000,000 |
| Maximum New Connections per second | 40,000 | 75,000 | 120,000 | 160,000 |
| Supported applications | More than 3,000 | | | |
| URL categories | 80+ | | | |
| Number of URLs categorized | More than 280 million | | | |
| Centralized configuration, logging, monitoring, and reporting | Multi-device Cisco Security Manager and Cisco FireSIGHT Management Center | | | |

¹ Activating more features will change performance

| Product Model | Cisco ASA 5585-X SSP-10 w/ FirePOWER Services | Cisco ASA 5585-X SSP-20 w/ FirePOWER Services | Cisco ASA 5585-X SSP-40 w/ FirePOWER Services | Cisco ASA 5585-X SSP-60 w/ FirePOWER Services |
|--|---|---|---|---|
| Technical Specifications | | | | |
| Memory | 12 GB | 24 GB | 24 GB | 48 GB |
| Minimum flash | 8 GB | | | |
| Management and monitoring interface | 2 Ethernet 10/100/1000 ports | | | |

ASA 5585-X with FirePOWER Services - Extended Performance (EP) Models

The Extended Performance (EP) models address the need to run multiple services without sacrificing performance. As services are activated on the EP models, the performance levels remain predictable and consistent.

Table 5. Cisco ASA 5585-X with FirePOWER Services - Extended Performance (EP) Hardware Blade Capabilities and Capacities

| Feature | Cisco ASA 5585-X SSP EP 10/40 w/ FirePOWER Services | Cisco ASA 5585-X SSP EP 20/60 w/ FirePOWER Services |
|--|---|---|
| Maximum Throughput: Application Control (AVC) | 4.5 Gbps | 7 Gbps |
| Maximum Throughput: Application Control (AVC) and IPS | 4.5 Gbps | 7 Gbps |

| Feature | Cisco ASA 5585-X SSP EP 10/40 w/ FirePOWER Services | Cisco ASA 5585-X SSP EP 20/60 w/ FirePOWER Services |
|--|---|--|
| Sizing Throughput [440 byte HTTP]: Application Control (AVC) or IPS | 1.2 Gbps | 2 Gbps |
| Sizing Throughput [440 byte HTTP]: Multiple Services Profile | 1.2 Gbps | 2 Gbps |
| Maximum New Connections per second | 50,000 | 125,000 |
| Supported applications | More than 3,000 | |
| URL categories | 80+ | |
| Number of URLs categorized | More than 280 million | |
| Centralized configuration, logging, monitoring, and reporting | Multi-device Cisco Security Manager and Cisco FireSIGHT Management Center | |
| Technical Specifications | | |
| Memory | 24 GB | 48 GB |
| Minimum flash | 8 GB | |
| Management and monitoring interface | 2 Ethernet 10/100/1000 ports | |

Platform Support/Compatibility

Cisco ASA with FirePOWER Services include Cisco ASA firewalling, AVC, URL filtering, NGIPS, and AMP. This unique set of capabilities is available on the Cisco ASA 5500-X Series NGFW platforms: Cisco ASA 5506-X, 5506W-X, 5506H-X, 5508-X, 5516-X, 5512-X, 5515-X, 5525-X, 5545-X, 5555-X, and 5585-X with Security Services Processor SSP-10, SSP-20, SSP-40, and SSP-60.

The Cisco ASA 5585-X FirePOWER Services SSP-10, SSP-20, SSP-40, and SSP-60 hardware blades are supported on the Cisco ASA 5585-X platform. Cisco ASA 5585-X SSP-10, SSP-20, SSP-40, and SSP-60 firewalls require Cisco ASA Software Release 9.2.2 and later. Cisco ASA with FirePOWER Services software is supported on the Cisco ASA 5500-X Series of next-generation midrange security appliances running Cisco ASA Software Release 9.2.2 and later. Cisco FireSIGHT Management Center and [Cisco Security Manager](#) are required to manage Cisco ASA with FirePOWER Services ASA 5512-X, 5515-X, 5525-X, 5545-X, 5555-X, and 5585-X with Security Services Processor SSP-10, SSP-20, SSP-40, and SSP-60. ASDM V 7.3.x is available on-device to manage single instance deployments of Cisco ASA 5506-X, 5506W-X, 5506H-X, 5508-X, and 5516-X with FirePOWER Services.

Ordering Information

To place an order, visit the [Cisco ordering homepage](#). Table 5 provides ordering information for Cisco ASA with FirePOWER Services.

Table 6. Cisco ASA with FirePOWER Services Ordering Information

The following table includes Cisco ASA FirePOWER Services bundle SKUs (including hardware and subscription) that offer a convenient mechanism for ordering both the appliances and software subscriptions in a single SKU configuration. It is the recommended mode of configuration for ordering. Standalone AMP license and subscriptions are also available to **upgrade** an existing TA or TAC subscription license. Please see the ASA with FirePOWER Services Ordering Guide for details.

| Cisco ASA with FirePOWER Services 5500-X Series Bundles (Hardware and Subscription) | |
|---|--------------------|
| ASA 5506-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5506-FPWR-BUN |
| ASA 5506W-X with FirePOWER Svcs. WiFi Chassis and Subs. Bundle | ASA5506W-FPWR-BUN |
| ASA 5508-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5508-FPWR-BUN |
| ASA 5516-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5516-FPWR-BUN |
| ASA 5512-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5512-FPWR-BUN |
| ASA 5515-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5515-FPWR-BUN |
| ASA 5525-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5525-FPWR-BUN |
| ASA 5545-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5545-FPWR-BUN |
| ASA 5555-X with FirePOWER Svcs. Chassis and Subs. Bundle | ASA5555-FPWR-BUN |
| Cisco ASA with FirePOWER Services 5585-X Bundles (Hardware and Services Subscription) | |
| ASA 5585-X SSP-10 with FirePOWER Svcs. Chassis and Subs. | ASA5585-S10F10-BUN |
| ASA 5585-X SSP-10X with FirePOWER Svcs. Chassis and Subs. | ASA5585-S10F10X-BN |
| ASA 5585-X EP S10F40 with FirePOWER Svcs. Chassis-Subs. | ASA5585-S10F40-BUN |
| ASA 5585-X SSP-20 with FirePOWER Svcs. Chassis and Subs. | ASA5585-S20F20-BUN |
| ASA 5585-X SSP-20X with FirePOWER Svcs. Chassis and Subs. | ASA5585-S20F20X-BN |
| ASA 5585-X EP S20F60 with FirePOWER Svcs. Chassis-Subs. | ASA5585-S20F60-BUN |
| ASA 5585-X SSP-40 with FirePOWER Svcs. Chassis and Subs. | ASA5585-S40F40-BUN |
| ASA 5585-X SSP-60 with FirePOWER Svcs. Chassis and Subs. | ASA5585-S60F60-BUN |

| Product Description | Part Number | |
|--|--------------------|-------------------|
| Cisco ASA 5506-X Series Low-End Appliances (Hardware) | | |
| ASA 5506-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, DES | ASA5506-K8 | |
| ASA 5506-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506-K9 | |
| ASA 5506W-A-X with FirePOWER services, WiFi for North America, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506W-A-K9 | |
| ASA 5506W-E-X with FirePOWER services, WiFi for Europe, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506W-E-K9 | |
| ASA 5506W-Q-X with FirePOWER services, WiFi for Japan, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506W-Q-K9 | |
| ASA 5506W-Z-X with FirePOWER services, WiFi for Australia/New Zealand, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506W-Z-K9 | |
| ASA 5506H-X with FirePOWER services, ruggedized, security plus, 4GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5506H-SP-BUN-K9 | |
| ASA 5508-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, DES | ASA5508-K8 | |
| ASA 5508-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5508-K9 | |
| ASA 5516-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, DES | ASA5516-K8 | |
| ASA 5516-X with FirePOWER services, 8GE Data, 1GE Mgmt, AC, 3DES/AES | ASA5516-K9 | |
| Cisco ASA 5500-X Series Midrange Appliances (Hardware) | | |
| ASA 5512-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD | ASA5512-FPWR-K9 | |
| ASA 5515-X with FirePOWER Services, 6GE data, AC, 3DES/AES, SSD | ASA5515-FPWR-K9 | |
| ASA 5525-X with FirePOWER Services, 8GE data, AC, 3DES/AES, SSD | ASA5525-FPWR-K9 | |
| ASA 5545-X with FirePOWER Services, 8GE data, AC, 3DES/AES, 2 SSD | ASA5545-FPWR-K9 | |
| ASA 5555-X with FirePOWER Services, 8GE data, AC, 3DES/AES, 2 SSD | ASA5555-FPWR-K9 | |
| Cisco ASA 5585-X Appliances (Hardware) | | |
| ASA 5585-X chassis with SSP-10, FirePOWER SSP-10, 16GE, 4SFP+, 1 AC, 3DES/AES | ASA5585-S10F10-K9 | |
| ASA 5585-X chassis with SSP-10, FirePOWER SSP-10, 16GE, 4SFP+, 2 AC, 3DES/AES | ASA5585-S10F10XK9 | |
| ASA 5585-X EP SSP-10, FP SSP-40, 14GE, 6SFP+, 1AC, 3DES/AES | ASA5585-S10F40-K9 | |
| ASA 5585-X chassis with SSP-20, FirePOWER SSP-20, 16GE, 4SFP+, 1 AC, 3DES/AES | ASA5585-S20F20-K9 | |
| ASA 5585-X chassis with SSP-20, FirePOWER SSP-20, 16GE, 4SFP+, 2 AC, 3DES/AES | ASA5585-S20F20XK9 | |
| ASA 5585-X EP SSP-20, FP SSP-60, 14GE, 6SFP+, 1AC, 3DES/AES | ASA5585-S20F60-K9 | |
| ASA 5585-X chassis with SSP-40, FirePOWER SSP-40, 12GE, 8SFP+, 1 AC, 3DES/AES | ASA5585-S40F40-K9 | |
| ASA 5585-X chassis with SSP-60, FirePOWER SSP-60, 12GE, 8 SFP+, 2 AC, 3DES/AES | ASA5585-S60S60-K9 | |
| ASA with FirePOWER Services Software Subscriptions: 3-Year Term (1-Year Service Software Bundle Subscriptions Can be Purchased as well as Individual Cisco IPS, AMP, and URL Filtering Service Software Subscriptions with 1-Year and 3-Year Terms) | | |
| Cisco ASA5506 FirePOWER IPS and Apps 3YR Subscription | L-ASA5506-TA= | L-ASA5506-TA-3Y |
| Cisco ASA5506 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5506-TAC= | L-ASA5506-TAC-3Y |
| Cisco ASA5506 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5506-TAM= | L-ASA5506-TAM-3Y |
| Cisco ASA5506 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5506-TAMC= | L-ASA5506-TAMC-3Y |

| Product Description | Part Number | |
|--|------------------|--------------------|
| Cisco ASA5506 FirePOWER URL Filtering 3YR Subscription | L-ASA5506-URL= | L-ASA5506-URL-3Y |
| Cisco ASA5506W FirePOWER IPS and Apps 3YR Subscription | L-ASA5506W-TA= | L-ASA5506W-TA-3Y |
| Cisco ASA5506W FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5506W-TAC= | L-ASA5506W-TAC-3Y |
| Cisco ASA5506W FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5506W-TAM= | L-ASA5506W-TAM-3Y |
| Cisco ASA5506W FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5506W-TAMC= | L-ASA5506W-TAMC-3Y |
| Cisco ASA5506W FirePOWER URL Filtering 3YR Subscription | L-ASA5506W-URL= | L-ASA5506W-URL-3Y |
| Cisco ASA5506H FirePOWER IPS and Apps 3YR Subscription | L-ASA5506H-TA= | L-ASA5506H-TA-3Y |
| Cisco ASA5506H FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5506H-TAC= | L-ASA5506H-TAC-3Y |
| Cisco ASA5506H FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5506H-TAM= | L-ASA5506H-TAM-3Y |
| Cisco ASA5506H FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5506H-TAMC= | L-ASA5506H-TAMC-3Y |
| Cisco ASA5508 FirePOWER IPS and Apps 3YR Subscription | L-ASA5508-TA= | L-ASA5508-TA-3Y |
| Cisco ASA5508 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5508-TAC= | L-ASA5508-TAC-3Y |
| Cisco ASA5508 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5508-TAM= | L-ASA5508-TAM-3Y |
| Cisco ASA5508 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5508-TAMC= | L-ASA5508-TAMC-3Y |
| Cisco ASA5508 FirePOWER URL Filtering 3YR Subscription | L-ASA5508-URL= | L-ASA5508-URL-3Y |
| Cisco ASA5516 FirePOWER IPS and Apps 3YR Subscription | L-ASA5516-TA= | L-ASA5516-TA-3Y |
| Cisco ASA5516 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5516-TAC= | L-ASA5516-TAC-3Y |
| Cisco ASA5516 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5516-TAM= | L-ASA5516-TAM-3Y |
| Cisco ASA5516 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5516-TAMC= | L-ASA5516-TAMC-3Y |
| Cisco ASA5516 FirePOWER URL Filtering 3YR Subscription | L-ASA5516-URL= | L-ASA5516-URL-3Y |
| Cisco ASA5512 FirePOWER IPS and Apps 3YR Subscription | L-ASA5512-TA= | L-ASA5512-TA-3Y |
| Cisco ASA5512 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5512-TAC= | L-ASA5512-TAC-3Y |
| Cisco ASA5512 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5512-TAM= | L-ASA5512-TAM-3Y |
| Cisco ASA5512 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5512-TAMC= | L-ASA5512-TAMC-3Y |
| Cisco ASA5512 FirePOWER URL Filtering 3YR Subscription | L-ASA5512-URL= | L-ASA5512-URL-3Y |
| Cisco ASA5515 FirePOWER IPS and Apps 3YR Subscription | L-ASA5515-TA= | L-ASA5515-TA-3Y |
| Cisco ASA5515 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5515-TAC= | L-ASA5515-TAC-3Y |
| Cisco ASA5515 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5515-TAM= | L-ASA5515-TAM-3Y |
| Cisco ASA5515 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5515-TAMC= | L-ASA5515-TAMC-3Y |
| Cisco ASA5515 FirePOWER URL Filtering 3YR Subscription | L-ASA5515-URL= | L-ASA5515-URL-3Y |
| Cisco ASA5525 FirePOWER IPS and Apps 3YR Subscription | L-ASA5525-TA= | L-ASA5525-TA-3Y |
| Cisco ASA5525 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5525-TAC= | L-ASA5525-TAC-3Y |
| Cisco ASA5525 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5525-TAM= | L-ASA5525-TAM-3Y |

| Product Description | Part Number | |
|--|--------------------|----------------------|
| Cisco ASA5525 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5525-TAMC= | L-ASA5525-TAMC-3Y |
| Cisco ASA5525 FirePOWER URL Filtering 3YR Subscription | L-ASA5525-URL= | L-ASA5525-URL-3Y |
| Cisco ASA5545 FirePOWER IPS and Apps 3YR Subscription | L-ASA5545-TA= | L-ASA5545-TA-3Y |
| Cisco ASA5545 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5545-TAC= | L-ASA5545-TAC-3Y |
| Cisco ASA5545 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5545-TAM= | L-ASA5545-TAM-3Y |
| Cisco ASA5545 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5545-TAMC= | L-ASA5545-TAMC-3Y |
| Cisco ASA5545 FirePOWER URL Filtering 3YR Subscription | L-ASA5545-URL= | L-ASA5545-URL-3Y |
| Cisco ASA5555 FirePOWER IPS and Apps 3YR Subscription | L-ASA5555-TA= | L-ASA5555-TA-3Y |
| Cisco ASA5555 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5555-TAC= | L-ASA5555-TAC-3Y |
| Cisco ASA5555 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5555-TAM= | L-ASA5555-TAM-3Y |
| Cisco ASA5555 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5555-TAMC= | L-ASA5555-TAMC-3Y |
| Cisco ASA5555 FirePOWER URL Filtering 3YR Subscription | L-ASA5555-URL= | L-ASA5555-URL-3Y |
| Cisco ASA5585-10 FirePOWER IPS and Apps 3YR Subscription | L-ASA5585-10-TA= | L-ASA5585-10-TA-3Y |
| Cisco ASA5585-10 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5585-10-TAC= | L-ASA5585-10-TAC-3Y |
| Cisco ASA5585-10 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5585-10-TAM= | L-ASA5585-10-TAM-3Y |
| Cisco ASA5585-10 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5585-10-TAMC= | L-ASA5585-10-TAMC-3Y |
| Cisco ASA5585-10 FirePOWER URL Filtering 3YR Subscription | L-ASA5585-10-URL= | L-ASA5585-10-URL-3Y |
| Cisco ASA5585-20 FirePOWER IPS and Apps 3YR Subscription | L-ASA5585-20-TA= | L-ASA5585-20-TA-3Y |
| Cisco ASA5585-20 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5585-20-TAC= | L-ASA5585-20-TAC-3Y |
| Cisco ASA5585-20 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5585-20-TAM= | L-ASA5585-20-TAM-3Y |
| Cisco ASA5585-20 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5585-20-TAMC= | L-ASA5585-20-TAMC-3Y |
| Cisco ASA5585-20 FirePOWER URL Filtering 3YR Subscription | L-ASA5585-20-URL= | L-ASA5585-20-URL-3Y |
| Cisco ASA5585-40 FirePOWER IPS and Apps 3YR Subscription | L-ASA5585-40-TA= | L-ASA5585-40-TA-3Y |
| Cisco ASA5585-40 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5585-40-TAC= | L-ASA5585-40-TAC-3Y |
| Cisco ASA5585-40 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5585-40-TAM= | L-ASA5585-40-TAM-3Y |
| Cisco ASA5585-40 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5585-40-TAMC= | L-ASA5585-40-TAMC-3Y |
| Cisco ASA5585-40 FirePOWER URL Filtering 3YR Subscription | L-ASA5585-40-URL= | L-ASA5585-40-URL-3Y |
| Cisco ASA5585-60 FirePOWER IPS and Apps 3YR Subscription | L-ASA5585-60-TA= | L-ASA5585-60-TA-3Y |
| Cisco ASA5585-60 FirePOWER IPS, Apps and URL 3YR Subscription | L-ASA5585-60-TAC= | L-ASA5585-60-TAC-3Y |
| Cisco ASA5585-60 FirePOWER IPS, Apps and AMP 3YR Subscription | L-ASA5585-60-TAM= | L-ASA5585-60-TAM-3Y |

| Product Description | Part Number | |
|--|--------------------|----------------------|
| Cisco ASA5585-60 FirePOWER IPS, Apps, AMP and URL 3YR Subscription | L-ASA5585-60-TAMC= | L-ASA5585-60-TAMC-3Y |
| Cisco ASA5585-60 FirePOWER URL Filtering 3YR Subscription | L-ASA5585-60-URL= | L-ASA5585-60-URL-3Y |

To Download the Software

Visit the [Cisco Software Center](#) to download Cisco ASA with FirePOWER Services Software.

For More Information

For more information, please visit the following links:

- Cisco ASA 5500-X Series Next-Generation Firewalls:
<http://www.cisco.com/go/asa>.
- Cisco Security Manager:
<http://www.cisco.com/c/en/us/products/security/security-manager/index.html>.
- Cisco Adaptive Security Device Manager:
<http://www.cisco.com/c/en/us/products/security/adaptive-security-device-manager/index.html>.
- Cisco Security Services: http://www.cisco.com/en/US/products/svcs/ps2961/ps2952/serv_group_home.html.
- Cisco AnyConnect Secure Mobility Client
<http://www.cisco.com/go/anyconnect>.
- Cisco AnyConnect Ordering Guide
<http://www.cisco.com/c/dam/en/us/products/security/anyconnect-og.pdf>.



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