

Cisco Small Business ISA500 Series Integrated Security Appliances



AN ALL-IN-ONE SECURITY AND INTERNET ACCESS SOLUTION TO SAFEGUARD YOUR SMALL BUSINESS

Product Description

Small and medium businesses need a simple, affordable, and easy-to-deploy solution that provides Internet access in addition to all the security needed to ensure that this Internet access is safe and doesn't disrupt business productivity. The Cisco® Small Business ISA500 Series Integrated Security Appliance is an all-in-one solution that meets these needs. It provides security solution that combines highly secure Internet, wireless, dual WAN, site-to-site, and remote access with a breadth of unified threat management (UTM) capabilities. These capabilities include firewall, email, web security, and application control to provide the peace of mind small and medium businesses need to have to know they are protected.

Primary Features

- Stateful, zone-based firewall
- IPS
- Application control
- Site-to-site VPN
- Guest Internet access
- Centralized and Cisco OnPlus cloud-based management
- Dual Gigabit Ethernet WAN interfaces
- Web threat protection and URL filtering
- Spam filter
- Gateway Anti-virus
- Remote user VPN with Cisco AnyConnect Client
- WAN Redundancy
- QoS
- Up to 9 Gigabit Ethernet LAN interfaces
- Cisco SIO threat protection

Competitive Information

Cisco stands apart from the competition in the small and medium business networking market with its complete internet access and security solution that includes switching, routing, wired and wireless Internet access, and security—all of which can be configured and managed through a single interface. Cisco ISA500 primary competitive advantages compared to the Fortinet Fortigate 20C/40C/60C and SonicWALL TZ Series are shown in the competitive advantage summary.

Tables 1 through 3 offer summaries of the ISA500 Series performance metrics, hardware specifications, and management capabilities.

Primary Benefits

Comprehensive security that can minimize the risk of business disruption

- Safeguards businesses from Internet attacks and threats with stateful firewall, network reputation, and intrusion prevention system (IPS)

Cisco ISA500 Competitive Advantage Summary vs. Fortinet Fortigate 20C/40C/60C and SonicWALL TZ Series

Comparison Category	Cisco Advantages	Description
Product	Superior Internet Security Product	<ul style="list-style-type: none"> • All Gigabit Ethernet interfaces on all models to support high-speed business operations with security protection • Outperforms competitors when the full breadth of UTM services is enabled • Superior threat protection with global threat intelligence from Cisco SIO that uses 75 terabits of threat telemetry from 1.6 billion devices per day • Cisco Network Reputation filtering powered by SIO to dynamically track and prevent persistent threats from malicious attackers
Solution	Easy Solution Integration	<ul style="list-style-type: none"> • Integrates with rich routing and switching capabilities including full 802.1Q trunking support and advanced QoS with low-latency queuing to optimize voice applications • Dual WAN interfaces with flexible load balancing schemes • Interoperability tested with other Cisco products
Adoptability	Easy to Use and Fast to Deploy	<ul style="list-style-type: none"> • Simplified navigation and set-up flow • Six built-in configuration wizards with step-by-step configuration instructions that cover wide-range of use cases
	Easy to Order, Cost Effective to Manage	<ul style="list-style-type: none"> • Simplified packaging—eight SKUs, only one license • Manageable by Cisco hosted cloud-based management services—OnPlus and Advanced Security Services • Pay-as-you-go pricing model with Cisco OnPlus requires no large upfront cost
Support	Industry Leading Service Support	<ul style="list-style-type: none"> • Award winning customer support by certified networking professionals • 24x7 Cisco Online Support Community

- Web reputation empowers businesses and public institutions to prevent and protect users from accessing dangerous websites
- Gateway anti-virus detects and blocks the most widespread and active malware
- Segregates traffic by business groups and applies different security policies using zone-based firewall and multiple policy profiles
- Offers guest Internet access while isolating them from business networks
- Uses the 75 terabits of threat telemetry from 1.6 billion devices per day from Cisco SIO to provide superior global threat intelligence for network reputation filtering, web reputation filtering, web URL category, and email spam filtering

Safe increases in productivity

- Provides a range of Cisco VPN solutions including site-to-site and remote user VPN using the Cisco AnyConnect™

client to help ensure sensitive business data is protected when users work remotely

- Can act as a Cisco hardware VPN client for teleworker deployment
- Cisco web filtering technology empowers businesses and public institutions to prevent and protect users from accessing improper websites and content
- Keeps non-business applications out of company networks with application control
- Can safeguard against spam
- Can prioritize voice or selected business applications to optimize business operations with quality of service (QoS)
- Provides WAN redundancy to keep businesses up and running during unexpected Internet connectivity failures

Ease of use and cost-effective in deployment

- Offers an affordable all-in-one solution
- Provides simplified configuration and navigation flows

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- Can be set up and deployed quickly with configuration wizards
- Offers cloud-based and on-box reporting that shows intrusion attack events, network usage system status, bandwidth utilization, etc.

Target Customers

Cisco Small Business ISA500 Series Security Appliances are designed for small and medium businesses:

- That want to securely and safely use the Internet, mobility and wireless technologies to operate and grow their businesses
- That are concerned about a loss of productivity due to spam, viruses, malware, and sophisticated attacks
- That want to improve employee productivity by controlling access to inappropriate or non-business-related web sites
- That need remote access (remote VPN) to enable employees, partners, and contractors to easily connect to the business network using either company or personal devices
- That want to provide internet access to guests without providing them with access to business networks.
- With small office/home office (SOHO) routers with basic firewall features that would benefit from moving up to an appliance that provides all-in-one internet access and UTM
- Want to have a WAN redundancy to remain up and running during an Internet connectivity failure
- That want a solution that's easy to deploy and manage
- That want the option of a trusted partner managing their security services for them

For More Information

To purchase the Cisco ISA500, please contact a Cisco partner.

A list of Cisco partners can be found at <http://tools.cisco.com/WWChannels/LOCATR/openBasicSearch.do?smb=Y>.

For more information about Cisco ISA500 contact your local Cisco provider or visit www.cisco.com/go/isa500resources

For More information about Cisco OnPlus, contact your local Cisco provider or visit www.cisco.com/en/US/products/ps11792/index.html

For more information about Cisco Small Business Support Service, visit www.cisco.com/cisco/web/solutions/small_business/services/index.html

Cisco Small Business ISA500 Series Specifications Summary

	ISA550	ISA550W	ISA570	ISA570W
Table 1. Performance				
Firewall Throughput	200 Mbps	200 Mbps	500 Mbps	500 Mbps
IPsec VPN Throughput	75 Mbps	75 Mbps	130 Mbps	130 Mbps
Anti-virus Throughput	50 Mbps	50 Mbps	80 Mbps	80 Mbps
IPS Throughput	60 Mbps	60 Mbps	90 Mbps	90 Mbps
UTM Throughput	45 Mbps	45 Mbps	75 Mbps	75 Mbps
Maximum Connections	15000	15000	40000	40000
IPsec VPN Site-to-Site Tunnels	25	25	100	100
IPsec Remote Access Tunnels	10	10	75	75
SSL VPN Tunnels	10	10	50	50

Table 2. Hardware

	ISA550	ISA550W	ISA570	ISA570W
Total Interface	7 GE	7 GE	10 GE	10 GE
WAN Interface [1]	2 GE	2 GE	2 GE	2 GE
LAN Interface [1]	6 GE	6 GE	9 GE	9 GE
WLAN (802.11b/g/n)	n/a	Yes	n/a	Yes
DMZ Port	Up to four	Up to four	Up to four	Up to four

[1] The numbers are maximum number of interfaces.

Table 3. Management

	ISA550	ISA550W	ISA570	ISA570W
Web GUI	Yes	Yes	Yes	Yes
Remote Management Access	Yes (HTTPS)	Yes (HTTPS)	Yes (HTTPS)	Yes (HTTPS)
Built-in Configuration Wizards	Yes	Yes	Yes	Yes
Centralized Management	Yes (Cisco OnPlus™)	Yes (Cisco OnPlus)	Yes (Cisco OnPlus)	Yes (Cisco OnPlus)
SNMP	SNMPv1/v2	SNMPv1/v2	SNMPv1/v2	SNMPv1/v2
Auto Check for New Firmware Availability	Yes	Yes	Yes	Yes
Syslog	Yes	Yes	Yes	Yes
Security Reporting	Yes (Onbox and Cisco OnPlus Advanced Security Services*)	Yes (Onbox and Cisco OnPlus Advanced Security Services*)	Yes (Onbox and Cisco OnPlus Advanced Security Services*)	Yes (Onbox and Cisco OnPlus Advanced Security Services*)
Email Alerting	Yes	Yes	Yes	Yes
User Authentication	Local database, Radius, AD (LDAP)	Local database, Radius, AD (LDAP)	Local database, Radius, AD (LDAP)	Local database, Radius, AD (LDAP)

*Please contact your sales representative for availability.