

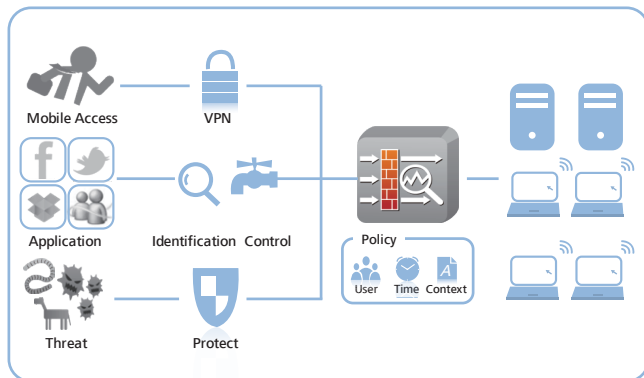


USG5500 Unified Security Gateway



Overview

The USG5500 series is a new 10-Gigabit unified security gateway, developed by Huawei to meet the needs of carriers, large and medium-sized enterprises, and next-generation data centers. The USG5500 series integrates large-capacity switching with dedicated security defense capabilities, including IPS, anti-virus (AV), URL filtering, application control, and anti-spam (AS) technologies. On its 3U platform, the USG5500 series provides 32 Gbit/s of processing capability and allows you to manage over 1000 different applications. Inheriting the Eudemon series' outstanding firewall, VPN, and routing features, it helps you build a fast, efficient, and secure network.



Highlights

Exceptional Performance, High Stability

- Provides 32 Gbit/s of firewall throughput, 7 Gbit/s of VPN throughput, and large-capacity NAT.
- Supports 10-Gigabit interface expansion, and a maximum of 64 x 10 GE interfaces and 14 x 10 GE interfaces.
- Provides key component redundancy and leverages a sophisticated link failover mechanism to deliver carrier-class availability.

Professional Security Defense

- Uses Symantec's outstanding AV technologies to achieve a detection ratio of over 99%.
- Uses Symantec's leading IPS technologies to achieve an ultra-high detection ratio and ultra-low false negatives and false positives
- Protects enterprise email servers with the complete anti-spam capability, and controls employee behaviors based on the mail body, title, keyword, and attachment to avoid email information leaks.

Intelligent Online Behavior Management

- Identifies 1000+ application protocols, and provides multi-dimensional control measures based on time, users, applications, and bandwidth to ensure bandwidth for mission-critical services and improve employee productivity.
- Offers an URL category containing more than 65,000,000 URLs, filtering out unwanted traffic based on search engine keywords and web page keywords to regulate employee online behaviors and avoid legal risks.
- Displays user behaviors by user, application, traffic, and behavior in diversified reports.

Flexible Configuration and Quick Deployment

- Provides user-based security policies, and authority control of fine granularity by integrating content security, policy-based routing, and user-based access control, traffic limiting, and application control. Provides a Web-based configuration wizard to simplify administrative operations. Provides a centralized configuration interface to simplify the configuration and accelerate the deployment. Unified single configuration entry, finish all policies in one page, fast deployment.

USG5500 Unified Security Gateway

Specifications

Model	USG5520S	USG5530S	USG5530	USG5550	USG5560
Performance and Capacity					
Firewall throughput	6 Gbps	10 Gbps	15 Gbps	25 Gbps	32 Gbps
VPN throughput	4 Gbps	5 Gbps	7 Gbps	7 Gbps	7 Gbps
Number of concurrent VPN tunnels	15,000	15,000	15,000	15,000	15,000
Number of new connections per second	100,000	150,000	200,000	200,000	200,000
Maximum number of concurrent connections	2,000,000	3,000,000	4,000,000	4,000,000	4,000,000
Performance and Capacity					
Fixed port	4×GE (RJ45) +4×GE (combo)		4×GE (RJ45) +4×GE (combo)	4×GE (RJ45) +4×GE (combo)	4×GE (RJ45) +4×GE (combo)+8×GE (SFP)
Expansion slot	2×FIC		1×DMIC+6×FIC	1×DMIC+5×FIC	5×FIC
Interface module type	DMIC: 2×10 GE (SFP+) FIC: 2×10 GE (SFP+), 2×10 GE (SFP+) +8×GE (RJ45), 8×GE (RJ45), 8×GE (SFP), 4×GE (RJ45) BYPASS, 2 line (LC/UPC) BYPASS				
Feature					
IPS	Y (Defends against system vulnerability-based attacks, unauthorized downloading, spoofing software, and spyware/adware, and provides protocol identification).				
AV	Y (Provides file identification and filtering, efficient virus scanning, and a virus signature database containing over 40,000 virus signatures).				
AS	Y (local whitelist, local blacklist, and remote real-time blacklist)				
URL filtering	Identifies more than 65 million URLs (blacklist/whitelist filtering, remote category filtering, and local category filtering)				
Application control	Identifies and manages over 1000 application protocols, covering all mainstream applications, such as QQ, MSN, GoogleTalk, NetEase PoPo, AliTalk, PPStream, PPLive, Thunder, eMule, StongHuaShun, and DaZhiHui.				
VPN	IPSec VPN, SSL VPN, MPLS L3 VPN, L2TP VPN, and GRE VPN				
Anti-DDoS	Defends against various DoS and DDoS attacks, such as SYN flood, ICMP flood and UDP flood.				
Routing	IPv4: static routing, RIP, OSPF, BGP, and IS-IS IPv6: RIPng, OSPFv3, BGP4+, and IPv6 IS-IS				
Deployment and availability	Supports transparent, routing, and composite deployment modes, and active/active and active/standby backup modes				
Specifications					
Dimensions (H × W × D)	1.7 × 16.6 × 22.0 in. (43.6mm × 442mm × 560mm)		5.1 × 16.6 × 16.3 in. (130.5mm × 442mm × 415mm)		
Weight (full configuration)	19.6 lbs (8.9 kg)		39.6 lbs (18 kg)		
AC power supply	100 V to 240 V, supporting redundancy				
DC power supply	not support			-48 ~ -60V, supporting redundancy	
Maximum power consumption	150 W		300 W		
Operating environment	Temperature: 32 °F to 113°F (0 °C to 45 °C); humidity: 10% to 90%				
Storage environment	Temperature: -40 °F to +158°F (-40 °C to +70 °C); humidity: 5% to 95%				