



Gateway6 8mG 2SFP+

Cloud-managed VPN Firewall with 8x 2.5-Gigabit (4 PoE+) Ethernet ports and two SFP+ slots

Overview

EnGenius ESG620 Cloud-managed VPN Firewall provides a high-performance network solution with advanced features, including load balancing, dual-WAN, and site-to-site VPN. The product offers unified management through EnGenius Cloud, allowing for easy configuration and management from anywhere. It offers a comprehensive end-to-end solution for businesses seeking to enhance their network performance and security.



Features & Benefits

- Simple, unified cloud management for any size business
- Intuitive and centralized device visibility from anywhere
- Dual WAN ports with 1x SFP+ and 1x 2.5GbE
- Quad-core 2.2 GHz processor for greater speed and power
- Built-in load balancing and safeguards with dual-WAN and cellular failover
- 4 x 2.5 GbE PoE+ to power up multiple Wi-Fi 6E AP, IP camera or IP phone
- Stateful firewall with high-efficiency filtering and inspection to enhance security
- High-speed and secure site-to-site VPN and client VPN
- Quick self-healing VPN and VLAN setup for faster and easier deployments
- Touchless system maintenance and automatic updates
- Multiple passthrough and routing options
- Captive portal with external radius capabilities

Technical Specifications

Technical Specifications

CPU Processor

Quad Core

Operating Frequency

2.2GHz

Memory

8GB

Flash Storage

16GB

RJ-45 Interface

8x2.5G

SFP interface

2 x SFP+

PoE ports

4

PoE Standard

802.3 af/at

I/O Interfaces

1 x RJ-45 console/1 x USB 3.0

Mounting Method

Rack mount

Security

TPM

Performance & Capacity

Firewall (SPI throughput)

7.7G

VPN throughput

1.5G

Max. Concurrent VPN Tunnels

300

Max. Concurrent VPN Users

380

Max. TCP Concurrent Sessions

1,250,000

Max VLAN

160

Firewall

Firewall Features

Stateful Packet Inspection

Policy Rules

Port Forwarding

1:1 NAT

Allow Inbound Services

VPN

Site-to-Site VPN

Mesh VPN/ Hub-and-Spoke

Encryption

3DES, AES (256/192/128-bit)

Authentication

MD5, SHA1, SHA2 (256-bit)

Key Management

IKEv1 (x-auth, mode-config)

IKEv2 (EAP, configuration payload)

VPN Features

Site-to-Site VPN

Client VPN(IPsec/SecuPoint SSL)

Policy-based VPN

IPSec NAT traversal (NAT-T)

Dead Peer Detection (DPD)

Auto-VPN Connection

Auto NAT traversal

Networking

Operation mode

Routed / Passthrough

Multiple WANs

Dual

Bandwidth Limit

Per client/ Per Interface

Traffic Load Balancing

WAN load balancing with WRR

Networking Features

Static Route

Multiple WANs

USB Cellular

User Authentication

PPPoE

VLAN Tagging

Captive Portal

Custom Splash Page

Bandwidth Limit

Traffic Load Balancing

DHCP client/server/relay

Dynamic DNS support

Policy Based Routing

Technical Specifications

Environmental & Physical

Power

internal 300w power

Operation Temperature

0°C to 40°C

Humidity (non-condensing)

5 to 95% non-condensing

Dimensions & Weight

Dimensions

Width: 330mm

Length: 230mm

Height: 44mm

Package Contents

Power cord

RJ-45 Console Cable

Rack Mount Kit

Product Card

Compliance

Regulatory Compliance

FCC Part 15 (Class B)

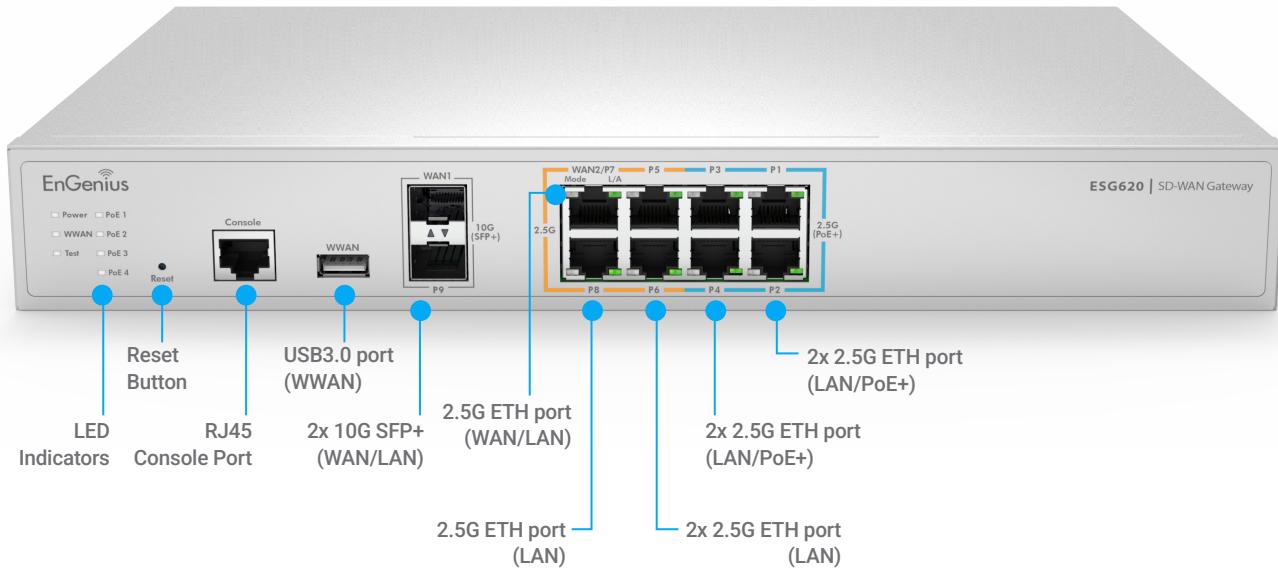
IC

CE EMC

CB

UL

Hardware Overviews



EnGenius Networks Japan 株式会社 | Tokyo, Japan

Email: jp.support@engenius.ai
 Website: www.engeniustech.com/jp
 Local contact: (+81) 3 6809 6608

EnGenius Networks Europe B.V. | Eindhoven, Netherlands

Email: support@engeniusnetworks.eu
 Website: www.engeniustech.com/eu
 Local contact: (+31) 40 8200 887

恩碩科技股份有限公司 | Taiwan, R.O.C.

Email: sales@engeniustech.com.tw
 Website: www.engeniustech.com/tw
 Local contact: (+886) 933 250 628

EnGenius Technologies | Costa Mesa, California, USA

Email: support@engeniustech.com
 Website: www.engeniustech.com
 Local contact: (+1) 714 432 8668

EnGenius Networks Singapore Pte Ltd. | Singapore

Email: techsupport-sg@engeniustech.com
 Website: www.engeniustech.com/apac
 Local contact: (+65) 6227 1088

EnGenius Technologies Canada | Ontario, Canada

Email: support@engeniustech.com
 Website: www.engeniustech.com
 Local contact: (+1) 905 940 8181

EnGenius Networks Dubai | Dubai, UAE

Email: support-me@engeniustech.com
 Website: www.engeniustech.com/apac
 Local contact: (+971) 4 339 1227