



Gateway6 8mG 2SFP+

Cloud SD-WAN Gateway with 8x 2.5-Gigabit (4 PoE+) Ethernet ports and two SFP+ uplink

Overview

EnGenius ESG620 SD-WAN gateway 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

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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)

9.5G

VPN throughput

1.7G

Max. Concurrent VPN Tunnels

300

Max. Concurrent VPN Users

500

Max. TCP Concurrent Sessions

1,500,000

Max VLAN

256

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

DES, 3DES, AES (256-bit)

Authentication

MD5, SHA1, SHA2 (512-bit)

Key Management

IKEv1 (x-auth, mode-config)

IKEv2 (EAP, configuration payload)

VPN Features

Site-to-Site VPN

Client VPN

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

Dynamic Routing

Bandwidth Limit

Traffic Load Balancing

DHCP client/server/relay

Dynamic DNS support

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)

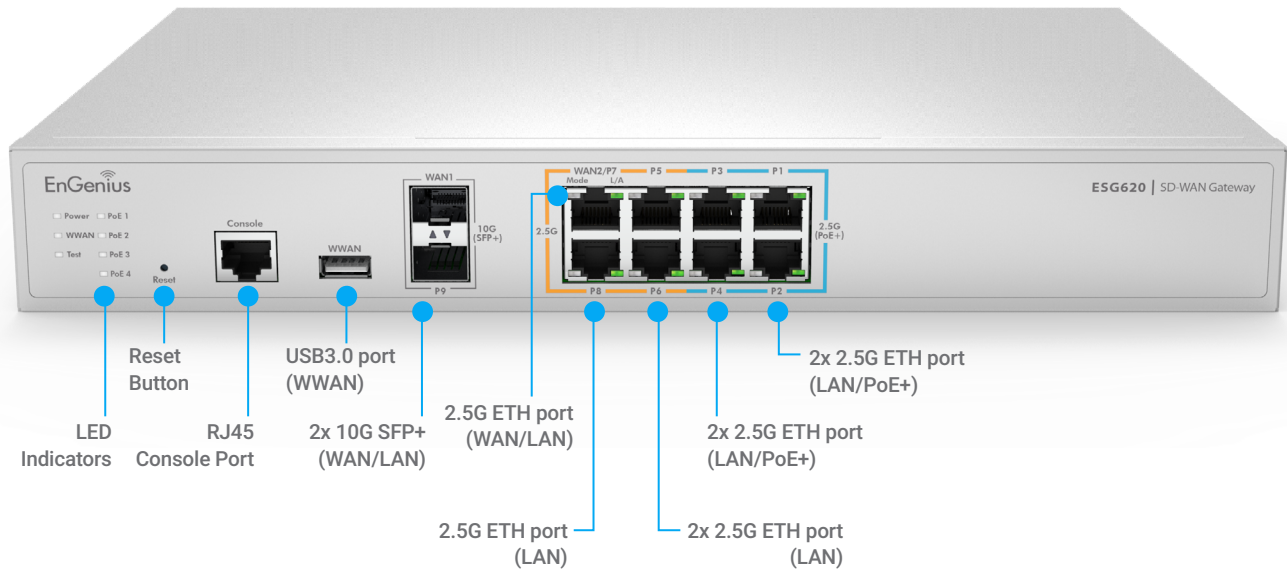
IC

CE EMC

CB

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Hardware Overviews



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