

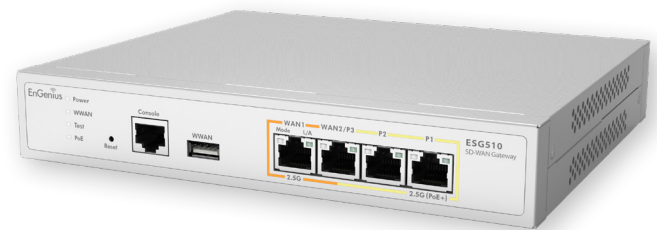


## Gateway5 4mG

# Cloud SD-WAN Gateway with 4 x 2.5-Gigabit (1x PoE+) Ethernet ports

### Overview

EnGenius ESG510 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 2.5GE WAN and Dual 2.5GE LAN for maximum performance
- Quad-core 1.6 GHz processor for greater speed and power
- Built-in load balancing and safeguards with dual-WAN and cellular failover
- 2.5 GbE PoE+ to power up a 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

1.6GHz

### Memory

4GB

### Flash Storage

8GB

### RJ-45 Interface

4x2.5G

### PoE ports

1

### PoE Standard

802.3 af/at

### I/O Interfaces

1 x RJ-45 console/1 x USB 3.0

### Mounting Method

Wall mount

### Security

TPM

## Performance & Capacity

### Firewall (SPI throughput)

4G

### VPN throughput

970M

### Max. Concurrent VPN Tunnels

200

### Max. Concurrent VPN Users

250

### Max. TCP Concurrent Sessions

1,000,000

### Max VLAN

96

## 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

# Technical Specifications

## Environmental & Physical

### Power

54V/1.2A

### Operation Temperature

0°C to 40°C

### Humidity (non-condensing)

5 to 95% non-condensing

## Dimensions & Weight

### Dimensions

Width: 210mm

Length: 179.5mm

Height: 35mm

### Package Contents

Power adapter

Power cord

RJ-45 Console Cable

Wall Mount Kit

Product Card

## Compliance

### Regulatory Compliance

FCC Part 15 (Class B)

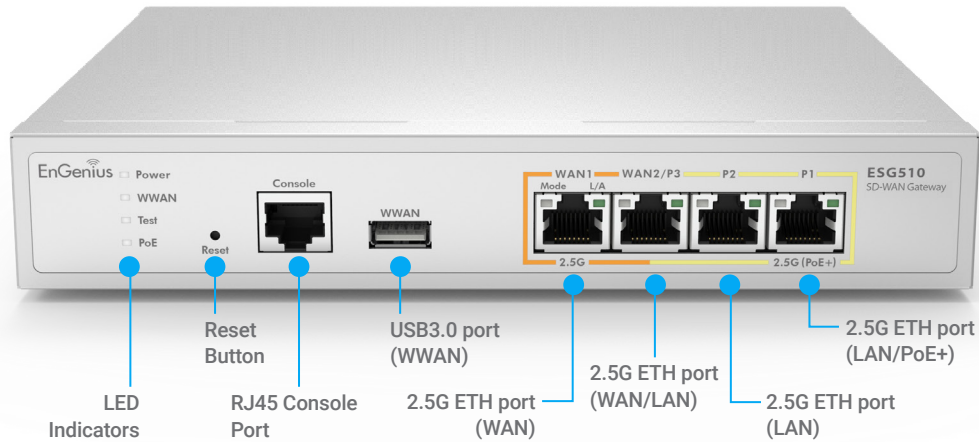
IC

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UL

## Hardware Overviews



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