



Gateway3 4G

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

Overview

EnGenius ESG320 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 Gigabit WAN and Dual Gigabit LAN for maximum performance
- Dual-core 2.1 GHz processor for greater speed and power
- Built-in load balancing and safeguards with dual-WAN and cellular failover
- PoE+ port to power up a Wi-Fi 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

Dual Core

Operating Frequency

2.1GHz

Memory

4GB

Flash Storage

8GB

RJ-45 Interface

4x1G

SFP interface

1xSFP

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)

TBD

VPN throughput

TBD

Max. Concurrent VPN Tunnels

TBD

Max. Concurrent VPN Users

TBD

Max. TCP Concurrent Sessions

TBD

Max VLAN

TBD

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

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)

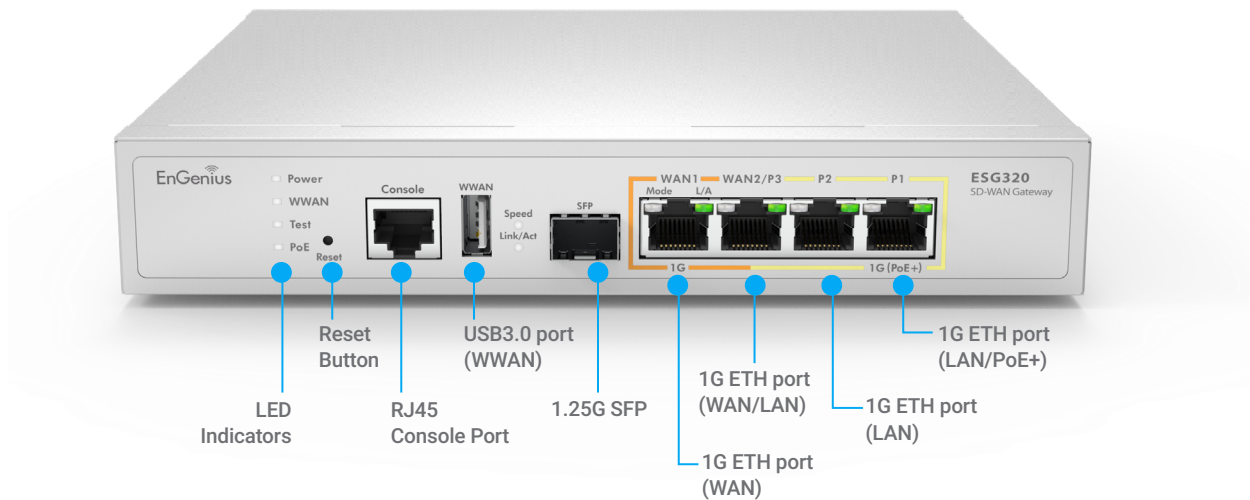
IC

CE EMC

CB

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Hardware Overviews



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