



Gateway3 4G 1SFP

Cloud-managed VPN Firewall with 4 x Gigabit (1x PoE+) Ethernet ports and one SFP slots

Overview

EnGenius ESG320 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 GE WAN and Dual GE 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
- Integrated CloudBrink service to offer ZTNA solution

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)

3 Gbps

VPN throughput

900 Mbps

Max. Concurrent VPN Tunnels

100

Max. Concurrent VPN Users

50

Max. TCP/NAT Concurrent Sessions

1000000

Max VLAN

16

Firewall

Firewall Features

Stateful Packet Inspection

Policy Rules

Port Forwarding

1:1 NAT

Allow Inbound Services

Layer 7 Application Firewall

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

Security Service

CloudBrink

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)

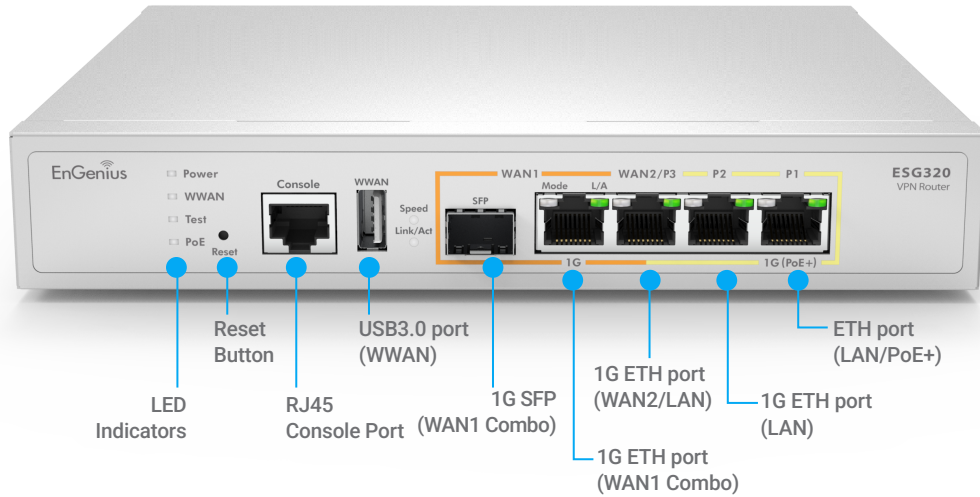
IC

CE EMC

CB

UL

Hardware Overviews



Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.

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