



## Gateway3 4G 1SFP

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

### Overview

EnGenius ESG320 Cloud-Managed VPN Firewall is a cost-effective solution to SMBs, offering features such as load balancing, dual-WAN, and secure site-to-site VPN. Seamlessly integrated with the EnGenius Cloud platform, it can be centralized managed from anywhere with simple configuration. This solution delivers robust security, superior connectivity, and the flexibility to scale for growing business.



### Features & Benefits

- Empower businesses with simple, unified cloud management and intuitive 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
- High-speed and secure site-to-site VPN and client VPN
- Self-healing VPN and VLAN setup for rapid, simplified deployment
- Touchless system maintenance and automatic updates
- Multiple passthrough and routing options
- Captive portal with external RADIUS capabilities
- Integrated CloudBrink service to offer ZTNA solution
- High Availability (HA) with automatic failover
- Built-in IDS/IPS for instant threat detection and proactive attack prevention

# Technical Specifications

## General

### 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

### Total PoE Budget

30W

### 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 M\*

### Max. Concurrent VPN Tunnels

100\*

### Max. Concurrent VPN Users

50\*

### Max. TCP/NAT Concurrent Sessions

1,000,000

### Max VLAN

16\*

### IPS Throughput

650 M\*

## 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  
Dynamic Routing  
Bandwidth Limit  
Traffic Load Balancing  
DHCP client/server/relay  
Dynamic DNS support  
Policy Based Routing  
Application Bandwidth Control  
High Availability

## Security Service

CloudBrink  
IDS/IPS

## Environmental & Physical

### Power

54V/1.2A

### Operation Temperature

0°C to 40°C

### Humidity (non-condensing)

5 to 95% non-condensing

## Dimensions & Weight

### Device Dimensions & Weights

Weight: 2.14 lbs. (0.97k g)  
Length: 8.27" (210 mm)  
Width: 7.07" (179.5 mm)  
Height: 1.38" (35 mm)

# Technical Specifications

## Package Contents

Power adapter  
Power cord  
RJ-45 Console Cable  
Wall Mount Kit  
Product Card

## Compliance

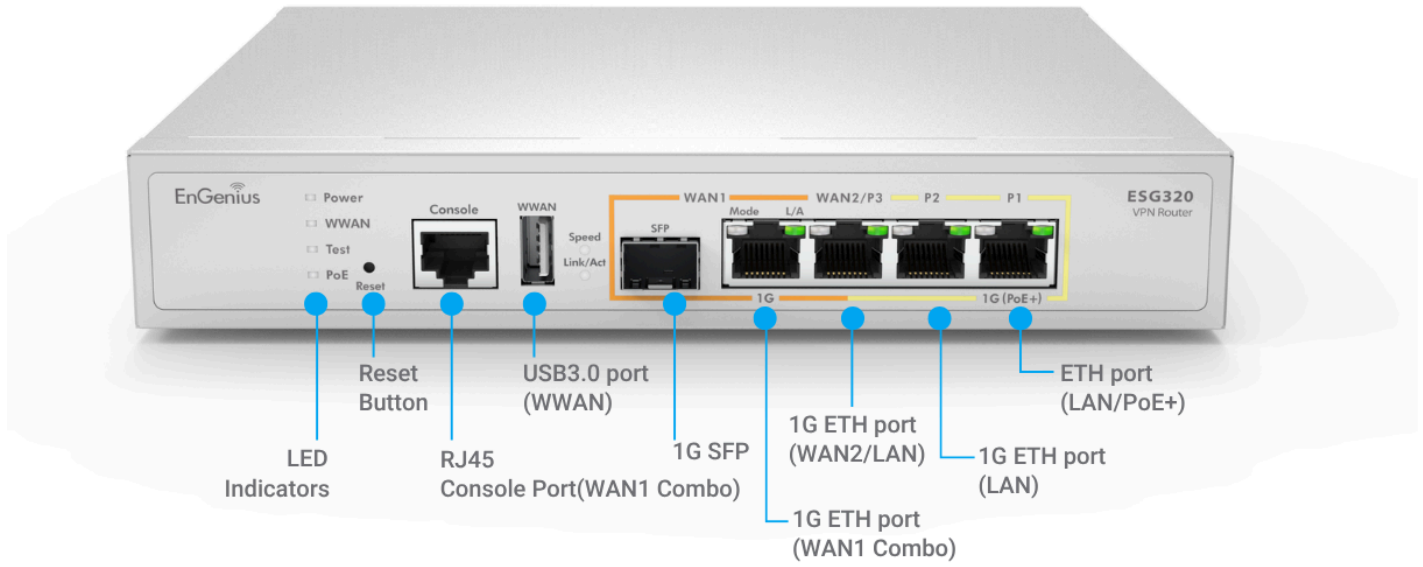
## Regulatory Compliance

FCC Part 15 (Class B)  
IC  
CE EMC  
CB  
UL

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\*Note: Performance figures are estimates for reference only. Actual throughput may vary depending on network conditions, encryption settings, traffic patterns, and concurrent sessions.

# Hardware Overview



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.

