EWS7952P-FIT

FitSwitch 48 PoE

EnGenius Fit 48-Port Gigabit 410W PoE+ Switch with 4 SFP Ports

Overview

EnGenius Fit Layer 2+ Switch, EWS7952P-FIT, is a high-performance solution with 48 Gigabit PoE+ ports, 4 Gigabit SFP uplink ports, and a 410W budget. It supports zero-touch provisioning, centralized cloud management, and offers EnGenius FitXpress (cloud-managed), FitController (on-premises), or standalone management options. With advanced security features and Voice-VLAN, it's optimized for network efficiency and peak performance for SMBs.

Features & Benefits

- 48x GE PoE ports for high-speed connections
- 4x SFP uplink ports for bandwidth-intensive applications
- 48x 802.3 at/af PoE+ ports with 410W PoE budget
- Zero touch provisioning, centralized cloud management and visualized monitoring
- Hybrid cloud switch supports flexible management options such as EnGenius FitXpress (cloud-managed), FitController (on-premises), or standalone
- Robust security that supports Port based / MAC based ACL Storm control, DHCP Snooping, DOS Attack Prevention, 802.1X & RADIUS Authentication and more
- Optimized for quality voice and video traffic with Voice-VLAN feature

Technical Specifications

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Port Standards

802.3 10Base-T Ethernet

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3x Full-Duplex Flow Control

Network Port - Gigabit Ethernet Ports

48x GE Ports

Network Port - SFP Ports

4x SFP

Switching Capacity

104Gbps

SDRAM

256MB

Flash Memory

32MB

PoE Capable Ports

Ports 1-48

Total PoE Budget

410W

Power Source

100 to 240 VAC, 50/60Hz

Physical Interface

System Indicators

Power LED

Fault LED

PoE Max LED

LAN Mode LED

PoE Mode LED

Ports Indicators

Link/Activity/Speed (per Ethernet port)

Link/Activity/Speed (per SFP slot)

L3 Software Features

Multiple IP Interface

20 IPv6 address

ARP Table

Max. 192 ARP entries

Static ARP

Static 192 ARP entries

IPv4 Static Route

Max. 63 entries

IPv6 Static Route

Max. 21 entries

L2 Software Features

Network Management

EnGenius FITCloud

FITCON

Local Web GUI

MAC Address Table

16K

Jumbo frame size

9K

Multicast Group

Max 256 groups

MLD Snooping

MLD Snooping: v1

QoS-number of Priority Queues Supported

Queue 8

QoS Trust Mode

Cos/802.1p

DSCP

CoS/802.1p-DSCP

Scheduling Mechanism

Strict / WRR/ Strict + WRR

Bandwidth Control

Port-based bandwidth control (Ingress/Egress)

Port Security

Max. 256 Entries

Access Control List (ACL)

MAC Based ACL

IPv4/IPv6 Based ACL

ACL Binding

Time base ACL

Web Graphical User Interface (GUI)

HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

SSL Certificate

Certificate/Key Import

SNMP

SNMP v1/v2c/v3 Support

RMON

RMON 1,2,3,9

System Time

Time Setting/Daylight saving

Common L2 Features

802.1d Spanning tree

Loopback Detection

Multicast Filitering

IGMP Multicast Forwarding

IGMP Snooping

MLD Multicast Forwarding

802.1Q VLAN tagging

802.3x flow control

Technical Specifications

802.3ad Link Aggregation
IPv4 DHCP Relay
IPv4 DHCP Snooping
IPv4 DHCP Snooping Source MAC Address Check-up
ARP Packet Validation (additional validation checks)
Voice VLAN
Port-based VLAN
Protocol-Based VLAN
CoS Mapping
802. 1X Radius Authentication Protocol
IPv4 Settings
IPv6 Settings
IEEE 802. 3az Energy Efficeient Ethernet (EEE)
Command Line Interface (CLI)
SSH Server
Telnet Server
TFTP Client
Configuration Upgrade/ Backup
Simple Network Time Protocol (SNTP)
SYSLOG
802.1d Spanning tree

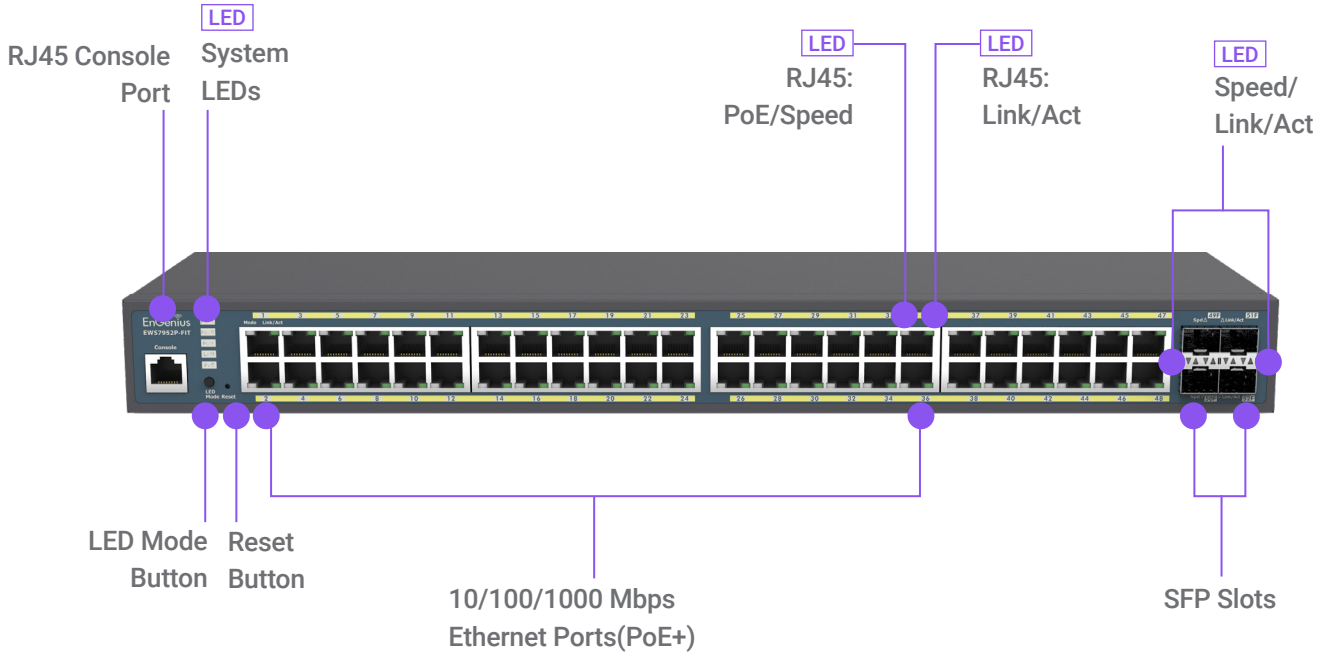
Environmental & Physical

Temperature Range
Operating: 32°F to 122°F (0°C to 50°C)
Humidity (Non-Condensing)
Operating: 5% - 95%

Device Dimensions & Weight

Device Dimensions & Weights
Weight: 3.9 kg
Width: 440 mm
Length: 310 mm
Height: 44 mm
Package Contents
1x FIT Managed Switch
1x Quick Installation Guide
1x Power Cord
1x RJ45 Console Cable
1x Rack Mount Kit

Hardware Overviews



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