



EWS7952P-FIT



# EnGenius Fit Layer 2 Plus Managed EWS7952P-FIT 48-Port Gigabit PoE+ Switch with 410W Budget, 4 SFP Uplink Ports

Simple • Secure • Smart



The EnGenius Fit Managed Switch EWS7952P-FIT is a 48-port Gigabit PoE+ Layer 2 plus switch with a 410W PoE budget and 4 SFP uplink ports.

Manage your network onsite or on-the-go through our **FitXpress** cloud-based mobile app or web portal. Additionally, **FitController** gives you greater control of your network using plug-n-play hardware with embedded network management software. Admins can easily view detailed analytics from a single pane of glass as well as monitor and troubleshoot issues instantly. With its business-class features, the EnGenius Fit managed switch provides secure, reliable, and high-performance switching while reducing capital and operating expenses for cost-conscious small businesses.

## Features & Benefits

- 48 10/100/1000 Base-T GbE Ports.
- Full-featured Layer 2 plus switching.
- 802.3af/at PoE ready on all ports with 410W PoE budget.
- 104 Gbps switching capacity.
- Setup in minutes with app-based step by step instructions.
- Quick-scan device register, remote monitoring and troubleshooting.
- Real-time system metrics, analytics and remote configurations.
- Manage your network onsite or on-the-go through our **FitXpress** cloud-based mobile app or web portal.
- **FitController** gives you greater control of your network using plug-n-play hardware with embedded network management software.
- Monitor a site or multiple sites with no recurring cost or licensing fee .
- Security - access control list/port security; 802.1x authentication.
- IGMP & MLD snooping provides advanced multicast filtering & network efficiency.
- 802.3ad Link Aggregation (LACP), Spanning Tree (STP), Rapid Spanning Tree (RSTP) & Multiple Spanning Tree (MSTP).
- Voice VLAN for fast, reliable deployment of VoIP services
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) & prioritization.
- Standards-based technology ensures interoperability with existing standards-based network devices.
- Dual firmware images improve reliability & network uptime.

# Technical Specifications

## EWS7952P-FIT

### Port Standards

802.3 10Base-T Ethernet  
802.3u 100Base-TX Ethernet  
802.3ab 1000Base-T Ethernet  
802.3x Full-Duplex Flow Control

### Network Ports

48 10/100/1000 Mbps Ports  
4 10/100/1000 Mbps SFP Ports

### Switching Capacity

104Gbps

### PoE Capable Ports

1-48 (802.3af/at)  
All Gigabit Ethernet ports can output up to 30 Watts

### Total PoE Budget

410W

### SDRAM

256MB

### Flash Memory

32MB

### Packet Buffer Memory

1.5MB

### Address Database Size

8,000 MAC Addresses

## PHYSICAL INTERFACE

### LED Indicators

Power LED  
Fault LED  
PoE Max LED  
LAN Mode LED  
PoE Mode LED

### Ports

Link/Activity/Speed (per Ethernet port)  
Link/Activity/Speed (per SFP slot)

### SFP Ports

Link/Act LED

### Reset Button

## SOFTWARE FEATURES

### Multiple IP Interface

20 IPv6 address

### ARP Table

Max. 192 ARP entries

### Static ARP

Static 192 ARP entries

### IPv4 Static Route

Max. 59 entries

### IPv6 Static Route

Max. 5 entries

## SOFTWARE FEATURES (L2 FEATURE)

### MAC Address Table

8K

### Jumbo Frame

9K

### Multicast Group

Max 256 groups

### Port Security

Max. 256 Entries

### SSL Certificate

Certificate/Key Update

### L2 Features

802.1Q VLAN tagging  
VLAN Table  
Port-based VLAN  
Voice VLAN  
GARP VLAN Registration Protocol  
802.1d Spanning tree:  
RSTP  
CIST  
MSTP

802.3ad Link Aggregation

Loopback Detection

### L3 Feature

IGMP Snooping  
MLD Snooping  
DHCP Snooping  
DHCP Relay  
Static Route

### Port Settings

Multicast Filtering  
EEE  
Port Isolation  
Port Mirror  
Jumbo Frames  
LLDP

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## Security

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802.1X Radius Authentication Protocol

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Access:

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Web:

HTTP Service  
HTTPs Service

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Command Line Interface (CLI):

Telnet Service  
SSH Service

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Port Security

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Radius Server

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DoS Prevention

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## System Settings

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IP Settings:

IPv4 Management  
IPv6 Management  
IPv4 Network

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ARP Table

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ARP Statistics

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Simple Network Time Protocol (SNTP)

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## Analyze

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Log:

Local Logging  
Remote Logging

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## Diagnostic

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Cable Diagnostics

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Ping Test

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IPv6 Ping Test

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Trace Route

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Connection Diagnostic

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## Access Control List (ACL)

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MAC Based ACL

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MAC ACE

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IPv4 ACL

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IPv4 ACE

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IPv6 ACL

---

IPv6 ACE

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ACL (Port) Binding

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## SNMP

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SNMP v1/v2c/v3 Support

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## RMON

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RMON 1,2,3,9

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## QoS

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CoS Mapping

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DSCP Mapping

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Port CoS

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Bandwidth Control

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## Storm control

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Advanced Mode:

Class Mapping

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## MIB/RFC Standards

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RFC1213

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RFC1493

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RFC1757

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RFC2674

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RFC2863

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## ENVIRONMENT & MECHANICAL

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### Temperature Range

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Operating: 32 to 122°F/0 to 50°C

Storage: -40 to 158°F/-40 to 70 °C

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### Humidity (Non-Condensing)

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5% - 95%

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## DIMENSIONS & WEIGHTS

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### Device

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Weight: 12.3 lbs. (5.6 kg)

Width: 17.32" (440 mm)

Length: 12.20" (310 mm)

Height: 1.73" (44 mm)

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### Packaging

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Weight: 15.52 lbs. (7.04 kg)

Width: 21.57" (548 mm)

Length: 16.88" (429 mm)

Height: 4.13" (105 mm)

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### Package Contents

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1 x Fit L2+ Managed 48 Ports EWS7952P-FIT PoE+ Gigabit Switch

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1 x Power Cord

1 x RJ45 Console Cable

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1 x Rack Mount Kit

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Quick Start Guide QR Code

FitXpress Cloud-Based Mobile App QR Code

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### Certifications

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CE, FCC, IC

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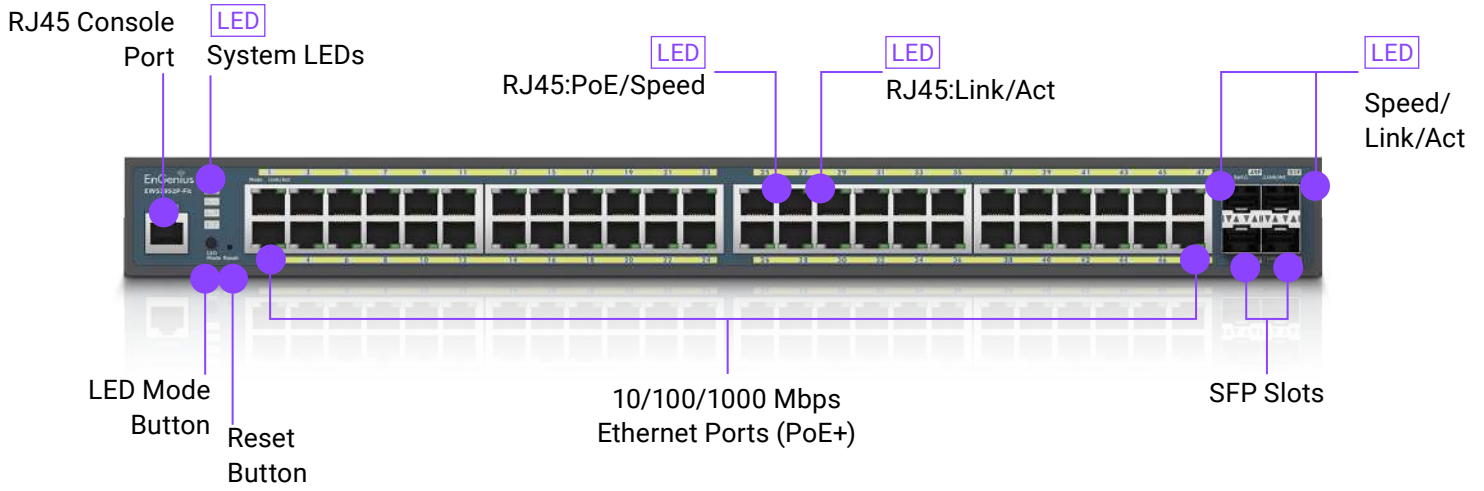
### Warranty

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1 Year

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## Product Images



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