



## EnGenius Fit Layer 2 Plus Managed EWS7928FP-FIT 24-Port Gigabit PoE+ Switch with 410W Budget, 4 SFP Uplink Ports

Simple • Secure • Smart



The EnGenius Fit Managed Switch EWS7928FP-FIT is a 24-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

- 24 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
- 56 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

### EWS7928FP-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

24 10/100/1000 Mbps Ports

4 10/100/1000 Mbps SFP Ports

#### PoE Capable Ports

1-24 (802.3af/at)

All Gigabit Ethernet ports can output up to 30 Watts

#### Total PoE Budget

410W

#### Switching Capacity

56Gbps

#### SDRAM

256MB

#### Flash Memory

32MB

#### Packet Buffer Memory

512 KB

#### 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)

##### 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

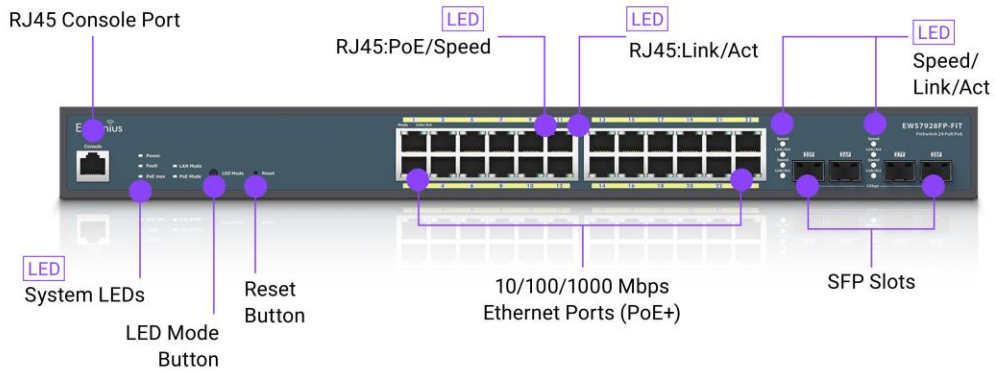
##### Security

802.1X Radius Authentication Protocol

Access:
Web:
HTTP Service
HTTPs Service
Command Line Interface (CLI):
Telnet Service
SSH Service
Port Security
Radius Server
DoS Prevention
<b>System Settings</b>
IP Settings:
IPv4 Management
IPv6 Management
IPv4 Network
ARP Table
ARP Statistics
Simple Network Time Protocol (SNTP)
<b>Analyze</b>
Log:
Local Logging
Remote Logging
<b>Diagnostic</b>
Cable Diagnostics
Ping Test
IPv6 Ping Test
Trace Route
Connection Diagnostic
<b>Access Control List (ACL)</b>
MAC Based ACL
MAC ACE
IPv4 ACL
IPv4 ACE
IPv6 ACL
IPv6 ACE
ACL (Port) Binding
<b>SNMP</b>
SNMP v1/v2c/v3 Support
<b>RMON</b>
RMON 1,2,3,9
<b>QoS</b>
CoS Mapping
DSCP Mapping
Port CoS
Bandwidth Control
Storm control
Advanced Mode
<b>MIB/RFC Standards</b>
RFC1213
RFC1493
RFC1757

RFC2674
RFC2863
<b>ENVIRONMENT &amp; MECHANICAL</b>
<b>Temperature Range</b>
Operating: 32 to 104°F/0 to 40°C
Storage: -40 to 158°F/-40 to 70 °C
<b>Humidity (Non-Condensing)</b>
5% - 95%
<b>Package Contents</b>
1x Fit L2+ Managed 24 Ports EWS7928FP-FIT PoE+ Gigabit Switch
1 x Power Cord
1 x RJ45 Console Cable
1 x Rack Mount Kit
Quick Start Guide QR Code
FitXpress Cloud-Based Mobile App QR Code
<b>DEVICE, PACKAGING &amp; MASTER CARTON DIMENSIONS &amp; WEIGHTS</b>
<b>EWS7928FP-FIT Device</b>
Weight: 10.62 lbs
Width:17.32" (440 mm)
Length: 10.23" (260 mm)
Height: 1.73" (44 mm)
<b>Packaging</b>
Weight:13.13 lbs
Width: 20.95" (532mm)
Length:13.63" (346mm)
Height: 3.97" (101mm)
<b>Warranty</b>
1 Year

## Product Images



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Version: 10/2022

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