







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

System Settings

IP Settings: IPv4 Management IPv6 Management IPv4 Network

ARP Table

ARP Statistics

Simple Network Time Protocol (SNTP)

Analyze

Log:

Local Logging Remote Logging

Diagnostic

Cable Diagnostics

Ping Test

IPv6 Ping Test

Trace Route

Connection Diagnostic

Access Control List (ACL)

MAC Based ACL

MAC ACE

IPv4 ACL

IPv4 ACE

IPv6 ACL

IPv6 ACE

ACL (Port) Binding

SNMP

SNMP v1/v2c/v3 Support

RMON

RMON 1,2,3,9

QoS

CoS Mapping

DSCP Mapping

Port CoS

Bandwidth Control

Storm control

Advanced Mode

MIB/RFC Standars

RFC1213

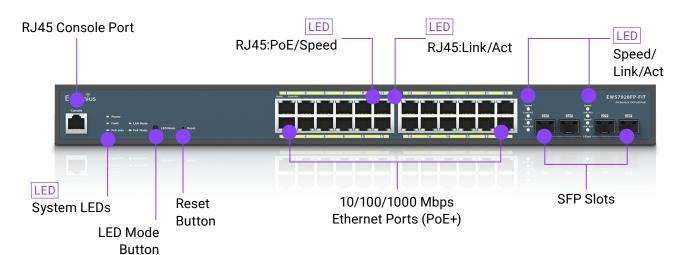
RFC1493

RFC1757

RFC2674
RFC2863
ENVIRONMENT & MECHANICAL
Temperature Range
Operating: 32 to 104°F/0 to 40°C
Storage: -40 to 158°F/-40 to 70 °C
Humidity (Non-Condensing)
5% - 95%
Package Contents
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
DEVICE, PACKAGING & MASTER CARTON DIMENSIONS & WEIGHTS
EWS7928FP-FIT Device
Weight: 10.62 lbs
Width:17.32" (440 mm)
Length: 10.23" (260 mm)
Height: 1.73" (44 mm)
Packaging
Weight:13.13 lbs
Width: 20.95" (532mm)
Length:13.63" (346mm)
Height: 3.97" (101mm)
Warranty
1 Year

1 Year

Product Images





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