

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 En-Genius 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**

Port Standards         802.3 10Base-T Ethernet         802.3u 100Base-T Ethernet         802.3ab 1000Base-T Ethernet Ports         Network Port - Gigabit Ethernet Ports         926MB         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     <	802.3 10Base-T Ethernet802.3u 100Base-TX Ethernet802.3ab 1000Base-T Ethernet802.3x Full-Duplex Flow ControlNetwork Port - Gigabit Ethernet Ports48x GE PortsNetwork Port - SFP Ports4x SFPSwitching Capacity104GbpsSDRAM256MBFlash Memory32MBPoE Capable PortsPorts 1-48Total PoE Budget410WPower Source100 to 240 VAC, 50/60HzPower LEDFault LEDPoE Max LED	Technical Specifications
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Ports Indicators Link/Activity/Speed (per Ethernet port)		
Link/Activity/Speed (per Ethernet port)		
	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	

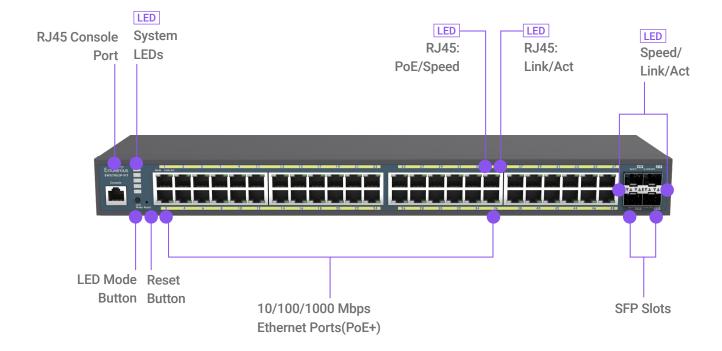
L2 Software Features	
Network Management	
EnGenius FITCloud	
FITCON	
Local Web GUI	
MAC Address Table	
16K	
Jumbo frame size	
9K	
Multicast Group Max 256 groups	
MLD Snooping	
MLD Snooping: v1	
QoS-number of Priority Queues Suppor	ted
Queue 8	
QoS Trust Mode	
Cos/802.1p	
DSCP	
CoS/802.1p-DSCP	
Scheduling Mechanism	
Strict / WRR/ Strict + WRR	
Bandwidth Control	
Port-based bandwidth control (Ingress/E	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	
ioini onooping	
MLD Multicast Forwarding	

## **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	



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