





Cloud Managed 2.5G 8-Port 240W PoE++ Multi-Gigabit Switch w/ 4 SFP+ Uplink Ports

Layer 2+ 240W PoE++ Multi-Gigabit Switch with 4 10G SFP+ Uplink Ports for Large Businesses

Product Highlights

EnGenius Cloud ECS2512FP Multi-Gigabit Switch has 8-Ports, 2.5G per port, 802.3af/at/bt PoE++ Layer 2+ with 240W Budget, and 4 10G SFP+ uplink ports. Multi-Gigabit switches optimize network efficiency ensuring peak performance for large businesses. Select Cloud or on-premises management options based on network architecture, administrative permissions, technical aptitude, or budget.



Features & Benefits

- Full-Featured Layer 2+ Switching
- 8 10/100/1000/2500 Base-T GbE Ports to serve high-bandwidth devices
- · 802.3af/at/bt PoE++ capable on all ports with a 240W PoE budget
- · 120 Gbps Switching capacity for improved performance
- 4 Dual-Speed 10G SFP+ (fiber) uplink ports

Port Standards

802.3 10Base-T Ethernet	
802.3u 100Base-TX Ethernet	
802.3ab 1000Base-T Ethernet	
802.3bz 2500/5000Base-T Ethernet	
802.3x Full-Duplex Flow Control	

Network Ports

8 10/100/1000/2500 Mbps Ports + 4x SFP+ Ports

Switching Capacity

120Gbps

SDRAM

512MB

Flash Memory

128MB

PoE Capable Ports

1-8 (802.3bt/at/af)

Total PoE Budget

240W

Power Source

100 ~ 240VAC, 50-60Hz

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)

Software Features(L3 Feature)

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

Software Features(L2 Feature)

Network Management

EnGenius Cloud

SkyKey

ezMaster

Local Web GUI

MAC Address Table

16K

Jumbo Frame	
9K	
Multicast Group	
Max 256 groups	
MLD Snooping	

MLD Snooping: v1

QoS-Number of Priority Queues Supported

Queue 8

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	
802.3ad Link Aggregation	
IPv4 DHCP Relay	
IPv4 DHCP Snooping	
IPv4 DHCP Snooping Source MAC Address Check-u	лb
ARP Inspection	
ARP Packet Validation (additional validation checks	s)
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

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Operating: 32°F to 122°F (0°C to 50°C)
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Humidity (Non-Condensing)

Operating: 5% - 95%

Package Contents

1x ECS Managed Multi-Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x Rack Mount Kit

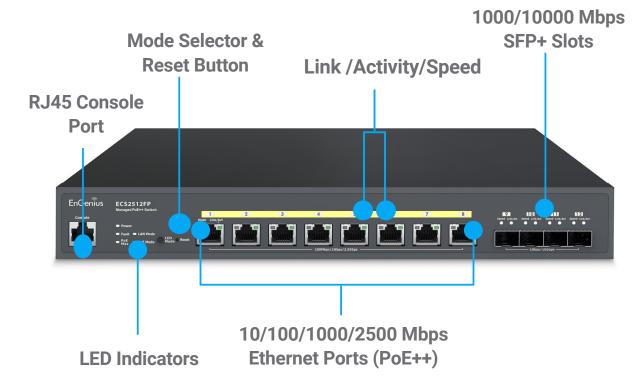
Device Dimensions & Weights

Weight: 5.7lbs (2.6 kg)	
Width: 9.05" (230 mm)	
Length: 12.99" (330 mm)	
Height: 1.73" (44 mm)	

Warranty

2 year





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