



CloudSwitch Aggregate 8XG Full PoE Cloud Managed 8-Port 10 Gigabit PoE++ Switch with 4 x SFP+ Ports

Overview

EnGenius Cloud Managed Layer 2+ Aggregate Switch, ECS5512FP is a reliable and easy-to-manage 8-Port 10G PoE++ (up to 90W) with 4 -ports 10G SFP+ uplink ports switch that provides high-speed connectivity for your network devices with 410W power budget . Its Zero-touch provisioning and centralized cloud management make it easy to set up and manage your network from anywhere, anytime. With its Voice-VLAN feature and robust security, you can ensure quality voice and video traffic while protecting against malicious attacks.



Features & Benefits

- 8x 10G ports to support ultra-high bandwidth applications
- 4x 10G (fiber) uplink ports to high-speed NAS and servers for a high-performance network
- 8x 802.3af/at/bt PoE++ (up to 90W) ports with 410W power budget
- Zero touch provisioning, centralized cloud management and visualized monitoring
- Hybrid cloud switch supports flexible management options such as EnGenius Cloud 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

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Port Standards

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3bz 2.5G/5GBase-T Ethernet

802.3x Full-Duplex Flow Control

Network Port - Multi-Gigabit Ethernet Ports

8x100/1000/2500/5000/10000 Mbps Ports

Network Port - SFP+ Ports

4x SFP+ Ports

Switching Capacity

240Gbps

SDRAM

512MB

Flash Memory

128MB

PoE Capable Ports

Ports 1-8 (up to 90W)

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

Port Indicators

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

IPv4 Static Route

Max. 63 entries

IPv6 Static Route

Max. 21 entries

L2 Software Features

Network Management

EnGenius Cloud

Local Web GUI

MAC Address Table

32k

Jumbo frame size

10K

Multicast Group

Max 256 groups

MLD Snooping

MLD Snooping: v1

QoS-number of Priority Queues Supported

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)

Port Security

Max. 256 Entries

Access Control List (ACL)

MAC Based ACL

IPv4/IPv6 Based ACL

ACL Binding

Web Graphical User Interface (GUI)

HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

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

802.1w Rapid Spanning Tree

802.1S Rapid Spanning Tree

Loopback Detection

Multicast Filtering

IGMP Snooping

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-up

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ARP Packet Validation (additional validation checks)
Voice VLAN
Port-based VLAN
CoS Mapping
802.1X Radius Authentication Protocol
IPv4 Settings/ IPv6 Settings
Command Line Interface (CLI)
SSH Server
Telnet Server
TFTP Client
Configuration Upgrade/ Backup
Simple Network Time Protocol (SNTP)
SYSLOG
Broadcast/Unknown Multicast/Unknown Unicast Storm Control

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: 2.6 kg

Width: 230 mm

Depth: 330 mm

Height: 44 mm

Package Contents

1x Cloud Managed Gigabit Switch

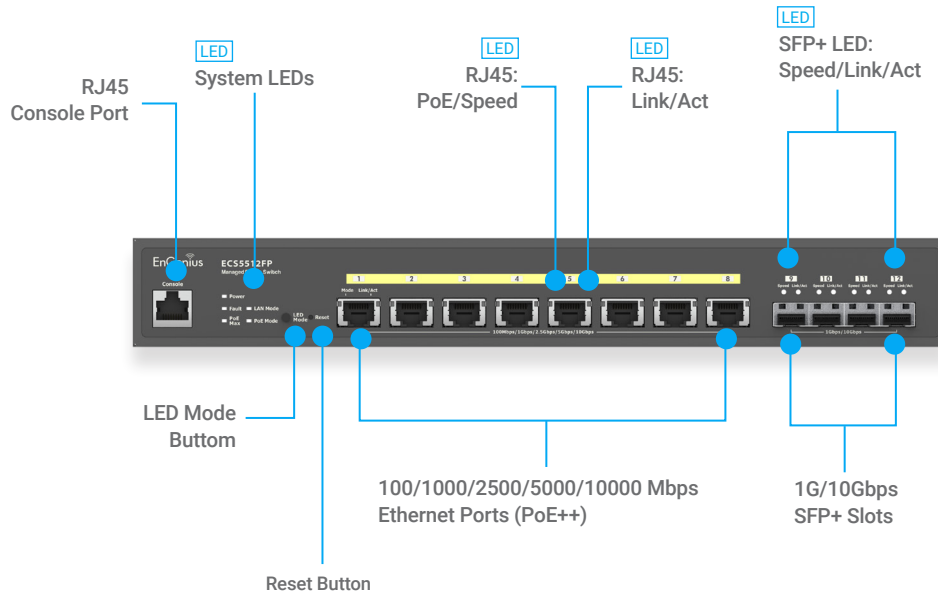
1x Product Card

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

Hardware Overviews



EnGenius Technologies | Costa Mesa, California, USA

Email: support@engeniustech.com
Website: www.engeniustech.com
Local contact: (+1) 714 432 8668

EnGenius Networks Singapore Pte Ltd. | Singapore

Email: techsupport@engeniustech.com.sg
Website: www.engeniustech.com/apac/
Local contact: (+65) 6227 1088

EnGenius Technologies Canada | Ontario, Canada

Email: support@engeniustech.com
Website: www.engeniustech.com
Local contact: (+1) 905 940 8181

EnGenius Networks Dubai | Dubai, UAE

Email: support@engeniustech.com
Website: www.engeniustech.com/apac/
Local contact: (+971) 4 339 1227

EnGenius Networks Europe B.V. | Eindhoven, Netherlands

Email: support@engeniustech.com
Website: www.engeniustech.com/eu/
Local contact: (+31) 40 8200 887

恩碩科技股份有限公司 | Taiwan, R.O.C.

Email: sales@engeniustech.com.tw
Website: www.engeniustech.com/tw/
Local contact: (+886) 933 250 628

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