



## Type of the product

ECS5512FP

## Introduction to ECS5512FP

The ECS5512 FP serves the ever-increasing demand of new technology in mid to large environments like student housing, condominiums, assisted living facilities, hotels & resorts. The ECS5512FP switch can be managed by EnGenius Cloud and on-premises ezMaster or can be worked as standalone switch, providing enterprise-class features for simplifying network configuration and monitoring at prices affordable to small and mid-sized businesses with advanced management.

## Short Description

The ECS5512FP is a Multi-Gigabit L2+ networking switch which will provide enterprise-class features for IT professionals who are interested in using a solution that simplifies network configuration and monitoring. The switch comes with eight 10 gigabit ports that automatically detect the speed needed by the end device. The ECS5512FP support 240 Gbps switching capacity supporting one of the latest PoE standards, 802.3bt for the growing demand of higher-powered devices like Wi-Fi 6 wireless access points, AV controllers, PTZ Cameras, digital signage as well as lighting. The new Multi-Gig switch also come with four 10 Gbps SFP+ slots that extend connectivity via fiber for uplinks, redundancy, and failover. The latest switches by EnGenius utilize the capabilities of the subscription-free EnGenius Cloud which includes real-time system metrics, deep-dive analytics, network troubleshooting and advanced view to display network topology with the devices and relationships.

## Product Highlights

- 10GbE Ports to serve high-bandwidth devices like Wi-Fi 6 access points.
- 10G Fiber ports to connect floors and buildings at extreme distances & speeds.
- L2+ (L3 features)
- 802.3bt (60W) / PoE++ on all copper ports
- 420 Watts of total budget for maximum power supply to PoE++ devices
- Multiple management modes: working in standalone mode or managed by ezMaster (network management software) or EnGenius Cloud.
- Cloud managed to decrease administration time through remote management.
- Port-based client authentication with dynamic VLAN and security through RADIUS server
- Prioritize compliant VoIP & video traffic ensuring its immediate delivery.

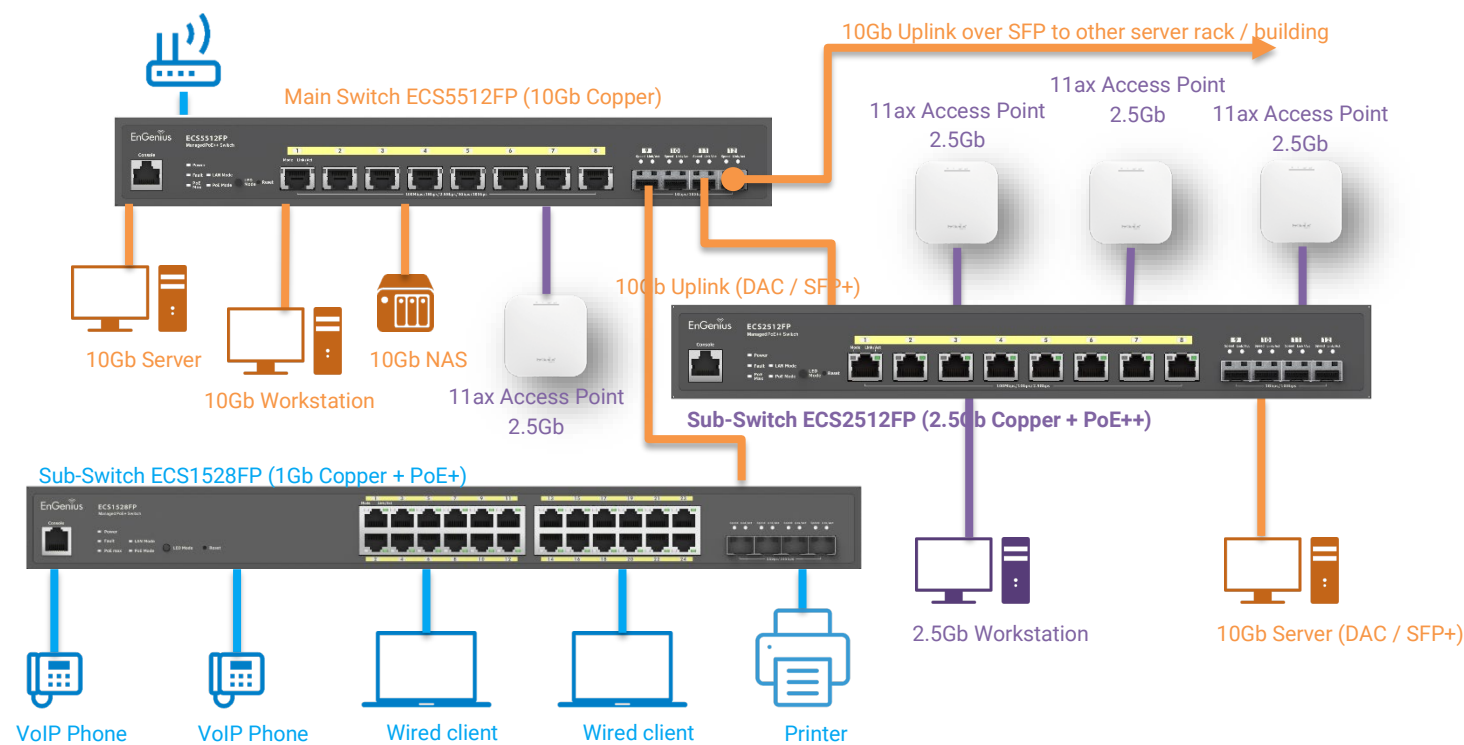
## Main Specs

Model	ECS5512FP
Type	Hybrid: Cloud and ezMaster Manageable
Main Ports	8 x 10GbE Ports
Uplink Ports	4 x 10Gb SFP+
PoE Standard	1-8 PoE++ af/at/bt
Power Budget	420W
Switching cap.	240 Gbps
Size	13" 1U
Special Function	802.3bt PoE 60W per port
Warranty	LLW
ETA	MP

Picture(s)







Diagram



Why should you buy it?

The ECS5512FP is a unique switch that combines 8\* 10GbE copper ports, 4\*10Gb SFP+ ports and up-to 60W PoE in one device. It can function as a high-end core switch that caters top notch speed on both Copper and Fiber ports as well as providing power to high power requiring PoE devices in surveillance, digital signage, and office environments. Also, in more complicated networks the switch can take its place in the top of the network hierarchy where multiple edges switches come together, providing a back-to-back infrastructure without any bottlenecks.

Comparison Chart

				
Model	ECS5512FP	ECS5512	ECS2512FP	ECS2512
Type	Hybrid: Cloud and ezMaster Manageable	Hybrid: Cloud and ezMaster Manageable	Hybrid: Cloud and ezMaster Manageable	Hybrid: Cloud and ezMaster Manageable
Main Ports	8 x 10GbE Ports	8 x 10GbE Ports	4 x 2.5GbE Ports	4 x 2.5GbE Ports
Uplink Ports	4 x 10Gb SFP+	4 x 10Gb SFP+	4 x 10Gb SFP+	4 x 10Gb SFP+
PoE Standard	1-8 PoE++ af/at/bt	-	1-8 PoE++ af/at/bt	-
Power Budget	420W	-	240W	-
Switching cap.	240 Gbps	240 Gbps	120 Gbps	120 Gbps
Size	13" 1U	13" 1U	13" 1U	13" 1U
Special Function	802.3bt PoE 60W per port	-	802.3bt PoE 60W per port	-
Warranty	LLW	LLW	LLW	LLW
ETA	MP	MP	MP	MP