

# ECS2512FP Specifications

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## Technical Specifications

<b>Port Standards</b> 802.3 10Base-T Ethernet 802.3u 100Base-TX Ethernet 802.3ab 1000Base-T Ethernet 802.3x Full-Duplex Flow Control	<b>Switching Capacity</b> 120Gbps	<b>Total PoE Budget</b> 240w
<b>Network Ports</b> 8 x 100/1000/2500 Mbps Ports + 4x SFP+ Ports	<b>SDRAM</b> 512MB	<b>Power Source</b> 100 ~ 240VAC, 50/60Hz
	<b>Flash Memory</b> 128MB	

## Physical Interface

<b>LED Indicators</b> Power LED Fault LED PoE Max LED LAN Mode LED PoE Mode LED	<b>Ports</b> Link/Activity/Speed (per Ethernet port) Link/Activity/Speed (per SFP slot)
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## Software Features

### L3 Feature

<b>Multiple IP Interface</b> 20 IPv6 address	<b>Static ARP</b> Static 192 ARP entries	<b>IPv6 Static Route</b> Max. 21 entries
<b>ARP Table</b> Max. 192 ARP entries	<b>IPv4 Static Route</b> Max. 63 entries	

### L2 Feature

<b>Network Management</b> EnGenius Cloud ezMaster/SkyKey Local Web GUI	<b>Bandwidth Control</b> Port-based bandwidth control (Ingress/Egress)	<b>Common L2 Features</b> 802.1d Spanning tree Loopback Detection Multicast Filtering 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-up ARP Inspection
<b>MAC Address Table</b> 16K	<b>Port Security</b> Max. 256 Entries	
<b>Jumbo Frame</b> 9K	<b>Access Control List (ACL)</b> MAC Based ACL IPv4/IPv6 Based ACL ACL Binding Time base ACL	
<b>Multicast Group</b> Max 256 groups	<b>Web Graphical User Interface</b>	

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### MLD Snooping

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MLD Snooping: v1

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### QoS-Number of Priority Queues Supported

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Queue 8

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### Trust Mode

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Cos/802.1p

DSCP

CoS/802.1p-DSCP

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### Scheduling Mechanism

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Strict / WRR/ Strict + WRR

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### (GUI)

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HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

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### SSL Certificate

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Certificate/Key Import

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### SNMP

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SNMP v1/v2c/v3 Support

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### RMON

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RMON 1,2,3,9

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### System Time

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Time Setting/Daylight saving

ARP Packet Validation (additional validation checks)

Voice VLAN

Port-based VLAN

Protocol-Based VLAN

CoS Mapping

802.1X Radius Authentication Protocol

IEEE 802.3az Energy Efficient 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

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### Temperature Range

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Operating: 32°F to 122°F (0°C to 50°C)

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### Humidity (Non-Condensing)

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Operating: 5% - 95%

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### Package Contents

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1x ECS Managed Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

## Device Dimensions & Weight

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### Device Dimensions & Weights

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Weight: 2.6Kg

Width: 230mm

Length: 330mm

Height: 44mm

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### Warranty

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2 year