

^ Overview

Dimensions	442 x 325 x 44 mm (17.4 x 12.8 x 1.7")
Port Layout	
1 GbE RJ45	16 (8 PoE+; 8 PoE++) (1G/100M/10M)
2.5 GbE RJ45	8 (All PoE++) (2.5G/1G/100M/10M)
10G SFP+	2 (10G/1G)
Max. PoE Output	Up to PoE++
Total PoE Availability	400W
Redundancy	DC Power Backup
Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓

^ Performance

Switching Capacity	112 Gbps
Total Non-Blocking Throughput	56 Gbps
Forwarding Rate	83 Mpps
Supported VLANs	1,000
MAC Address Table Size	16,000
L3 Table Size	
ARP Entries	6,000
Packet Buffer Size	1.5 MB
Access Lists	

IPv4	128
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MAC	128
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^ **Layer 3 Features**

DHCP Server (Local Networks)	✓
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DHCP Relay	✓
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Inter-VLAN Routing (Local Networks)	✓
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Static Routing (Local Networks)	✓
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^ **Layer 2 Features**

LACP Port Aggregation	✓
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STP & RSTP	✓
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QoS (DSCP)	✓
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Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓
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Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓
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IGMP Snooping	✓
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802.1X Control	✓
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MAC-Based ACLs & Device Isolation	✓
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DHCP Snooping & Guarding	✓
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Egress Rate Limit	✓
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Flow Control	✓
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Storm Control	✓
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Multicast & Broadcast Rate Limiting	✓
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MAC Address Blocking	✓
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IP-Based ACLs & Network Isolation	✓
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MAC-Based Port Restriction	✓
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Port Isolation	✓
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Port Mirroring	✓
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Jumbo Frames	✓
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LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓

^ **Hardware**

PoE Ports

PoE+	8
PoE++	16

Max. PoE Wattage per Port by PSE

PoE	15.4W
PoE+	32W
PoE++	64W

Max. Power Consumption	50W (Excluding PoE Output) 450W (Including PoE Output)
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Power Method	(1) Universal input, 100—240V AC, 50/60 Hz (1) USP RPS DC input
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Power Input Method	AC input
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Power Supply	AC/DC, internal, 550W
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Supported Voltage Range	100—240V AC
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Management	Ethernet AR
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Heat Dissipation (Excluding PoE Output)	119 BTU/hr
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Weight	Without mounting brackets: 5.1 kg (11.3 lb) With mounting brackets: 5.2 kg (11.5 lb)
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Enclosure Material	SGCC steel
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Mount Material	SGCC steel
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Supported Rack Depth	400~1200 mm (15.7-47.2")
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LCM Display	1.3" touchscreen
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Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
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Ambient Operating Humidity	10 to 90% noncondensing
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Etherlighting™

Ethernet

✓

SFP+

✓

NDAA Compliant

✓

Certifications

CE, FCC, IC, Anatel

^ **Software**

Application Requirements

UniFi Network

Version 8.0.24 and later