

^ Overview

Dimensions	442.4 x 43.7 x 496 mm (17.4 x 1.7 x 19.5")
Port Layout	
— 2.5 GbE RJ45	8 (All PoE+++)
— 10 GbE RJ45	16 (All PoE+++)
— 25G SFP28	2
Max. PoE Output	Up to PoE+++ 100-240V AC Shared Mode: 1,050W with (2) 600W modules 100-240V AC Redundant Mode: 450W with (2) 600W modules
Total PoE Availability	200-240V AC Shared Mode: 2,250W with (2) 1,200W modules 100-120V AC Shared Mode: 1,850W with (2) 1,200W modules 200-240V AC Redundant Mode: 1,050W with (2) 1,200W modules 100-120V AC Redundant Mode: 850W with (2) 1,200W modules
Redundancy	(2) Hot-Swappable PSUs (4) Hot-Swappable Fans
Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓

^ Performance

Switching Capacity	460 Gbps
Total Non-Blocking Throughput	230 Gbps
Forwarding Rate	342 Mpps
Supported VLANs	1,000
MAC Address Table Size	128,000
L3 Table Size	
— ARP Entries	128,000
— IPv4 Routes	256,000
Packet Buffer Size	8 MB

^ Layer 3 Features

DHCP Server (Local Networks)	✓
DHCP Relay	✓
Inter-VLAN Routing (Local Networks)	✓
Static Routing (Local Networks)	✓

^ **Layer 2 Features**

LACP Port Aggregation	✓
STP & RSTP	✓
Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓
IGMP Snooping	✓
802.1X Control	✓
MAC-Based ACLs & Device Isolation	✓
DHCP Snooping & Guarding	✓
Egress Rate Limit	✓
Flow Control	✓
Storm Control	✓
Multicast & Broadcast Rate Limiting	✓
MAC Address Blocking	✓
IP-Based ACLs & Network Isolation	✓
MAC-Based Port Restriction	✓
Port Isolation	✓
Port Mirroring	✓
Jumbo Frames	✓
LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓

^ Hardware

PoE Ports

└ PoE+++	24
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Max. PoE Wattage per Port by PSE

└ PoE+++	90W
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Max. Power Consumption

1,50W (Excluding PoE Output)
2,400W (Including PoE Output)

Power Method

(2) Universal input, 100-240V AC, 50/60 Hz, 50/60 Hz

Power Input Method

(2) AC input, Hot-swappable power modules

Power Supply

(2) Hot-swappable AC/DC 600W power modules

Supported Voltage Range

100—240V AC

Management

Ethernet
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Heat Dissipation (Excluding PoE Output)

511.8 BTU/hr

Weight

Without mounting brackets: 9.46 kg (20.9 lb)
With mounting brackets: 9.56 kg (21.1 lb)

Enclosure Material

SGCC steel

LCM Display

1.3" touchscreen

Fan Method

(4) hot-swappable fan modules

ESD/EMP Protection

Air: $\pm 12\text{kV}$, contact: $\pm 12\text{kV}$

Ambient Operating Temperature

-5 to 40° C (23 to 104° F)

Ambient Operating Humidity

10 to 90% noncondensing

Certifications

CE, FCC, IC

Etherlighting™

└ Ethernet	✓
└ SFP28	✓

LEDs

└ Ethernet	✓
└ System	✓

^ Software

Application Requirements

└ UniFi Network	Version 9.0.114 and later
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