

Enterprise Campus Aggregation



Datasheet



Overview

Dimensions	442.4 x 43.7 x 496 mm (17.4 x 1.7 x 19.5")
Port Layout	
— 25G SFP28	48
— 100G QSFP28	6
Redundancy	Multi-Chassis Link Aggregation (MC-LAG) (2) Hot-Swappable PSUs (5) Hot-Swappable Fans
Layer 3	Yes
Form Factor	Rack mount (1U)
Etherlighting™	Yes

Performance

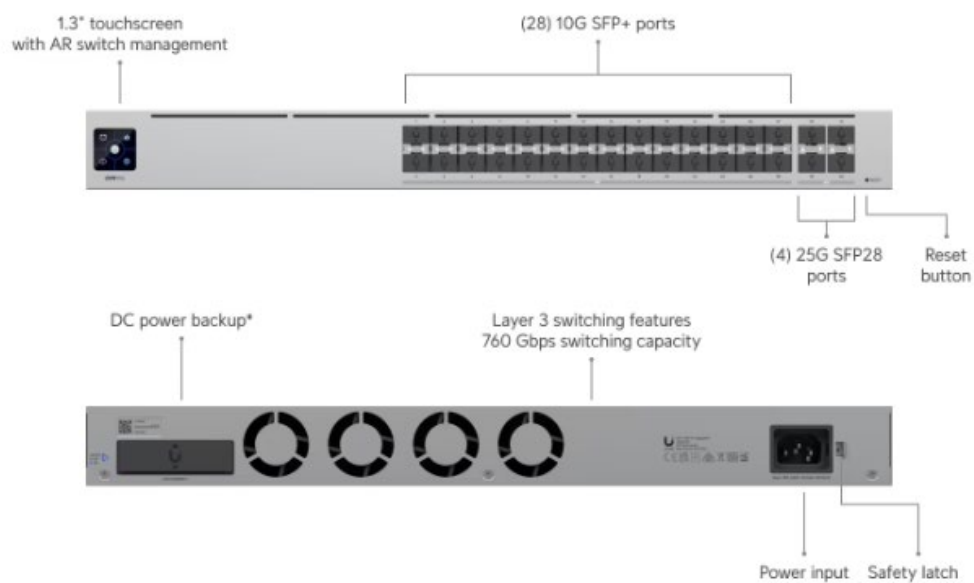
Switching Capacity	3.6 Tbps
Total Non-Blocking Throughput	1.8 Tbps
Forwarding Rate	2.4 Bpps
Supported VLANs	1,000
MAC Address Table Size	256,000
L3 Table Size	
— ARP Entries	512,000
— IPv4 Routes	512,000
Packet Buffer Size	24 MB

Layer 3 Features

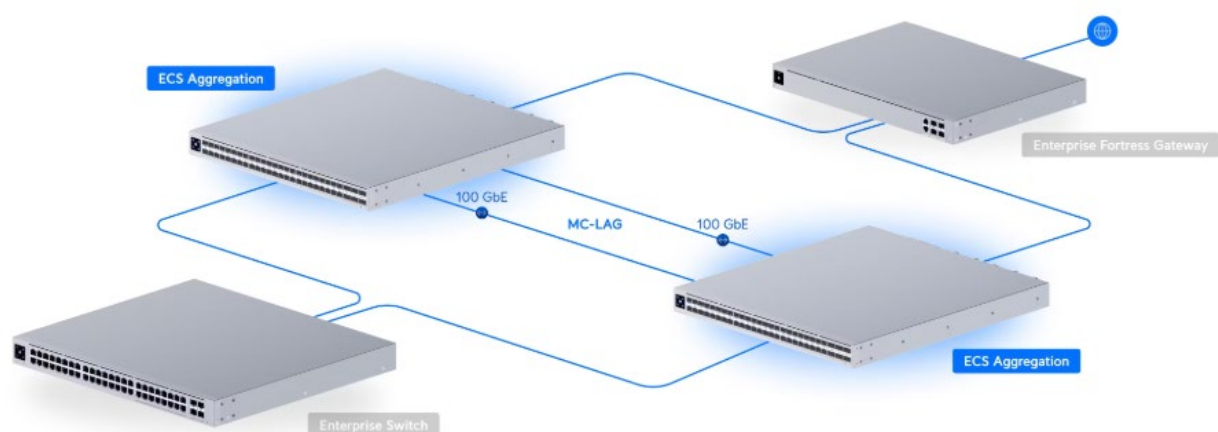
DHCP Server (Local Networks)	Yes
DHCP Relay	Yes
Inter-VLAN Routing (Local Networks)	Yes
Static Routing (Local Networks)	Yes

Layer 2 Features

LACP Port Aggregation	Yes
MC-LAG	Yes
STP & RSTP	Yes
IGMP Snooping	Yes
MAC-Based ACLs & Device Isolation	Yes
DHCP Snooping & Guarding	Yes
Egress Rate Limit	Yes
Flow Control	Yes
IP-Based ACLs & Network Isolation	Yes
MAC-Based Port Restriction	Yes
Port Isolation	Yes
Port Mirroring	Yes
Jumbo Frames	Yes
LLDP-MED	Yes
Voice VLAN	Yes
Loop Protection	Yes



*Require UniFi Power Backup.



Hardware

Max. Power Consumption	340W
Power Method	(2) Universal input, 100-240V AC, 50/60 Hz
Power Input Method	(2) AC input, Hot-swappable power modules
Power Supply	(2) Hot-swappable AC/DC 550W power modules
Supported Voltage Range	100—240V AC
Management	Ethernet AR
Heat Dissipation (Excluding PoE Output)	1160.08 BTU/hr
Weight	Without mounting brackets: 9.9 kg (21.8 lb) With mounting brackets: 10kg (22.04 lb)
Enclosure Material	SGCC steel
Supported Rack Depth	482.6 mm (19") four-post racks Posts depths ranging from 650 to 1,000 mm (25.6-39.4")
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
ESD/EMP Protection	Air: ± 12kV, contact: ± 8kV
Ambient Operating Humidity	10 to 95% noncondensing
Certifications	CE, FCC, IC
Etherlighting™	
└ SFP+	Yes
└ SFP28	Yes
└ QSFP28	Yes

Software

Application Requirements	
└ UniFi Network	Version 8.5.6 and later