Switching / **Aggregation**

Enterprise Campus Aggregation



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	✓
Form Factor	Rack mount (1U, Full-Depth)
Etherlighting™	✓

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

Layer 2 Features

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

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
Mount 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
ESD/EMP Protection	Air: ± 12kV, contact: ± 8kV
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 95% noncondensing

Etherlighting™	
SFP+	✓
SFP28	✓
QSFP28	✓
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel

Software

Application Requirements	
UniFi Network	Version 8.5.6 and later