



UniFi UISP Branding

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Switching



WiFi



Camera Security



Door Access



Integrations



Advanced Hosting

Professional Max & XG > [Pro Max 16 PoE](#)



Pro Max 16 PoE

USW-Pro-Max-16-PoE

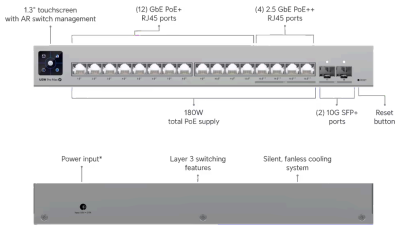
Datasheet

In The Box

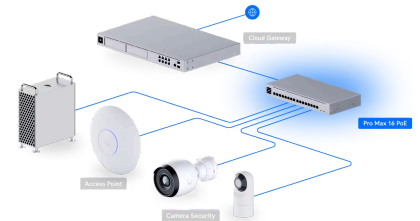
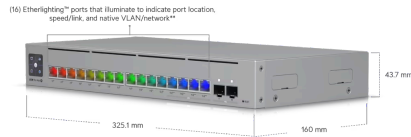
Marketing Images

Accessories

Installation Guide



*54V, 210W DC power adapter included.



Overview

Dimensions

325.1 x 160 x 43.7 mm
(12.8 x 6.3 x 1.7")

Port Layout

1 GbE RJ45	12 (All PoE+) (1G/100M/10M)
2.5 GbE RJ45	4 (All PoE++) (2.5G/1G/100M/10M)
10G SFP+	2 (10G/1G)

Max. PoE Output

Up to PoE++

Total PoE Availability

180W

Layer 3

✓

Form Factor	Rack mount (1U), desktop, wall
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Etherlighting™	✓
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^ Performance

Switching Capacity	84 Gbps
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Total Non-Blocking Throughput	42 Gbps
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Forwarding Rate	62 Mpps
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Supported VLANs	1,000
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MAC Address Table Size	16,000
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L3 Table Size

— ARP Entries	6,000
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— IPv4 Routes	512
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Packet Buffer Size	1.5 MB
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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	✓
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	✓
Virtual Network Override	✓

^ Hardware

PoE Ports

PoE+	12
PoE++	4

Max. PoE Wattage per Port by PSE

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

Max. Power Consumption
25W (Excluding PoE Output)
210W (Including PoE Output)

Power Method
AC Adapter

Power Input Method
AC input

Power Supply	AC/DC, external, 210W
Supported Voltage Range	50—54V DC
Management	Ethernet AR
Heat Dissipation	68 BTU/hr (Excluding PoE Output)
Weight	2.1 kg (4.6 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	400-1200 mm (15.7-47.2")
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
└ Ethernet	✓
└ SFP+	✓
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 08953-24-08356

^ Software

Application Requirements

└ UniFi Network	Version 8.1.127 and later
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