



Pro Max 48 PoE Spec Sheet

| USW-Pro-Max-48-PoE

A 48-port, Layer 3 Etherlighting™ switch with 2.5 GbE and PoE++ output.

- Etherlighting™ ports that illuminate to indicate port location, speed/link, and native VLAN/network
- (16) 2.5 GbE ports including (8) PoE+ and (8) PoE++
- (32) GbE ports including (24) PoE+ and (8) PoE++
- (4) 10G SFP+ ports
- DC power backup ready
- 720W total PoE availability
- Managed with UniFi Network 8.0.24 and later

Mechanical

Dimensions	442.4 x 400 x 44mm
Weight	Without mounting brackets: 6.2 kg With mounting brackets: 6.3kg
Enclosure material	SGCC

Hardware

Management interface	Ethernet In-Band
Networking interface	(32) GbE RJ45 ports (16) 1/2.5 GbE RJ45 ports (4) 10G SFP+ ports
PoE interface	(32) PoE/PoE+ (Pins 1, 2+; 3, 6-) (16) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
Total non-blocking throughput	112 Gbps
Switching capacity	224 Gbps
Forwarding Rate	166.656 Mbps
Power method	(1) Universal input, 100-240V AC, 50/60 Hz (1) USP-RPS DC input
Power supply	AC/DC, Internal, 820W
Supported voltage range	100—240V AC

Max. power consumption	100W (Excluding PoE output)
Total available PoE	720W
Max. PoE wattage per port by PSE	PoE: 15.4W PoE+: 30W PoE++: 60W
Voltage range PoE mode	PoE: 44-57V PoE+: 50-57V
LCM display	(1) 1.3" touchscreen -
LEDs	RJ45 ports: link/activity
Button	Factory reset
Ambient operating temperature	-5 to 40°C
Ambient operating humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC

Switching Features

Layer 2 features	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring LACP port aggregation Multicast / broadcast rate limiting MAC address blocking Flow control 802.1X control Jumbo frames Propriety loop protection DHCP snooping / guarding Egress rate limit LLDP-MED Port restricted by MAC Device isolation with ACLs
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Layer 3 features

DHCP for locally-managed networks

DHCP relay

Inter-VLAN routing between networks on same switch

Static routing between local networks

Etherlighting™**Ethernet**

Locating

Speed/link

Native VLAN/network

SFP+

Locating

Speed/link

Native VLAN/network

LEDs**System**

Status

RPSStatus

Application Requirements**UniFi Network**

Version 8.0.24 and later