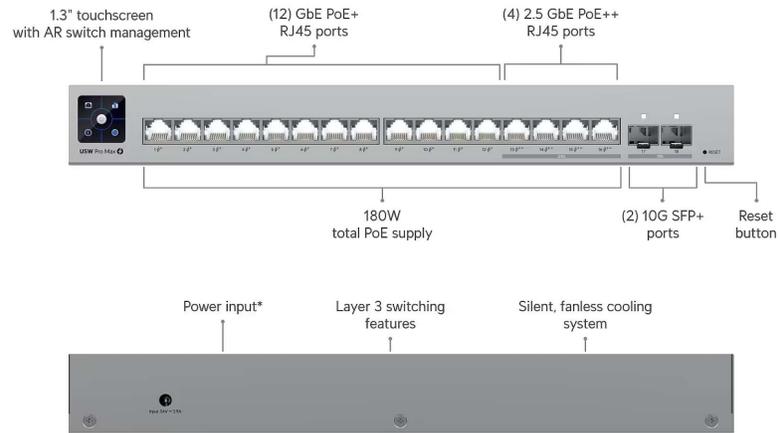# UniFi Pro Max 16 PoE (180W)

A 16-port, Layer 3 Etherlighting™ switch with 2.5 GbE, PoE++ output, and versatile mounting options.

## SPECIFICATIONS

| 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)<br>2.5 GbE RJ45: 4 (All PoE++)<br>(2.5G/1G/100M/10M)<br>10G SFP+: 2 |
| Max. PoE Output | Up to PoE++ |
| Total PoE Availability | 180W |
| Layer 3 | ✓ |
| Form Factor | Rack mount (1U), desktop, wall |

| Etherlighting™ | ✓ |
| --- | --- |
| **Performance** | |
| Switching Capacity | 84 Gbps |
| Total Non-Blocking Throughput | 42 Gbps |
| Forwarding Rate | 62 Mpps |
| Supported VLANs | 1000 |
| MAC Address Table Size | 16000 |
| L3 Table Size | ARP Entries: 6000<br>IPv4 Routes: 512 |
| Packet Buffer Size | 1.5 MB |
| Access Lists | IPv4: 128<br>MAC: 128 |
| **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 | ✓ |
| QoS (DSCP) | ✓ |
| Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron) | ✓ |
| 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+: 12<br>PoE++: 4 |
| Max. PoE Wattage per Port by PSE | PoE: 15.4W<br>PoE+: 32W<br>PoE++: 64W |
| Max. Power Consumption | 25W (Excluding PoE Output)<br>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 (Excluding PoE Output) |
| 102.36 BTU/hr | 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: ✓<br>SFP+: ✓ |
| NDAA Compliant | ✓ |
| Certifications | CE, FCC, IC, Anatel |
| **Software** | |
| Application Requirements | UniFi Network: Version 8.1.127 and later |