

UniFi Pro XG 48 (USW-Pro-XG-48) – Datasheet



Overview

Description

A professional-grade, 48-port Layer 3 Etherlighting™ switch:

- 32 × 10 GbE RJ45 (10G/5G/2.5G/1G/100M/10M)
- 16 × 2.5 GbE RJ45 (2.5G/1G/100M/10M)
- 4 × 25 G SFP28 uplinks

Physical Characteristics

Dimensions

442 × 480 × 44 mm (17.4 × 18.9 × 1.7")

Weight

7.5 kg / 16.5 lb (without brackets); 7.6 kg / 16.8 lb (with)

Rack Compatibility

1U, four-post racks (depth 600–1066 mm)

Enclosure & Mount

SGCC steel

Power & Cooling

Power Supply

Internal AC/DC, 300 W; universal input 100–240 VAC; DC backup via USP-RPS 250 W

Max Power Draw

Cooling

Etherlighting™ airflow; internal fans; 1.3" LCM touchscreen

Performance

Switching Capacity

920 Gbps non-blocking

Throughput

460 Gbps

Forwarding Rate

684 Mpps

Packet Buffer

8 MB

Networking Features

Layer 3 Features

DHCP Server / Relay, Inter-VLAN Routing, Static Routing, ARP Entries: 128K, IPv4 Routes: 256K

Layer 2 Features

LACP, STP/RSTP, 802.1X, IGMP Snooping, QoS, Jumbo Frames, Storm Control, ACLs, Port Mirroring, Loop Protection

Switching & ACL Capacities

VLANs Supported

1,000

MAC Table

128,000 entries

Access Lists

IPv4 – 256; MAC – 256

Ports & Interfaces

RJ45 Ports

16 × 2.5 GbE, 32 × 10 GbE

SFP28 Ports

4 × 25 G

Management

Dedicated Ethernet + 1.3" touchscreen

Environmental & Safety

Operating Temp/Humidity

–5 to 40 °C; 10–90% non-condensing

ESD/EMP Protection

Air ±30 kV; Contact ±14 kV

Certifications

CE, FCC, IC; NDAA compliant

Software & Management

Management Software

UniFi Network Controller (v9.0.114+)

Software Features

DPI, analytics, VLAN/subnet mgmt, AR switch, remote monitoring

Included in Box

Contents

USW-Pro-XG-48 unit, Rack-mount brackets & screws, AC power cord

Notes

Highlights

Etherlighting™, 1.3" LCM touchscreen, high-density multi-gig ports, Layer 3 routing