

UniFi Switch Pro XG 10 PoE (USW-Pro-XG-10-PoE) – Datasheet



Mechanical Specifications

Dimensions	442.4 x 285 x 44 mm (17.4 x 11.2 x 1.7")
Weight	Without mounting brackets: 4.6 kg (10.14 lb); With mounting brackets: 4.7 kg (10.36 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Form Factor	Rack mount (1U)
LCM Display	1.3" touchscreen
Etherlighting™	Yes

Hardware Specifications

10 GbE RJ45 Ports	10 (All PoE+++) (10G/5G/2.5G/1G/100M)
10G SFP+ Ports	2 (10G/1G)
Max. PoE Output per Port	PoE: 15.4W; PoE+: 30W; PoE++: 60W; PoE+++: 90W
Total PoE Availability	400W
Max. Power Consumption	65W (Excluding PoE output); 520W (Including PoE output)
Power Method	(1) Universal input, 100–240V AC, 50/60 Hz; (1) USP-RPS DC input
Power Supply	AC/DC, internal, 550W
Supported Voltage Range	100–240V AC
Redundancy	DC Power Backup (USP-RPS)

Performance Specifications

Switching Capacity	240 Gbps
Total Non-Blocking Throughput	120 Gbps
Forwarding Rate	178.57 Mpps
Supported VLANs	1,000
MAC Address Table Size	32,000
ARP Entries	12,000
IPv4 Routes	12,000
Packet Buffer Size	2 MB

Layer 3 Features

DHCP Server (Local Networks)	Yes
DHCP Relay	Yes
Inter-VLAN Routing (Local Networks)	Yes
Static Routing (Local Networks)	Yes

Layer 2 Features

LACP Port Aggregation	Yes
STP & RSTP	Yes
QoS (DSCP)	Yes
Pro AV Profiles	Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron
Advanced IGMP Configuration	Querier, Fast Leave, Router Port
IGMP Snooping	Yes
802.1X Control	Yes
MAC-Based ACLs & Device Isolation	Yes
DHCP Snooping & Guarding	Yes
Egress Rate Limit	Yes
Flow Control	Yes
Storm Control	Yes
Multicast & Broadcast Rate Limiting	Yes
MAC Address Blocking	Yes
IP-Based ACLs & Network Isolation	Yes
MAC-Based Port Restriction	Yes
Port Isolation	Yes
Port Mirroring	Yes
Jumbo Frames	Yes
LLDP-MED	Yes
Voice VLAN	Yes
Loop Protection	Yes

LED Indicators

Ethernet	Yes
SFP+	Yes
RPS	Yes
System	Yes

Environmental Specifications

Operating Temperature	-5 to 40° C (23 to 104° F)
Operating Humidity	10 to 90% noncondensing

ESD/EMP Protection
Certifications
NDA Compliant

Air: $\pm 30\text{kV}$, Contact: $\pm 30\text{kV}$
CE, FCC, IC
Yes