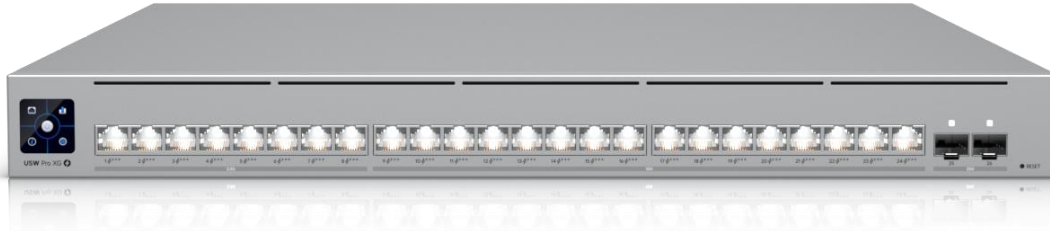


UniFi Switch Pro XG 24 PoE (USW-Pro-XG-24-PoE) – Datasheet



Mechanical Specifications

Dimensions	442 x 480 x 44 mm (17.4 x 18.9 x 1.7")
Weight	Without mounting brackets: 7.9 kg (17.4 lb); With mounting brackets: 8 kg (17.6 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Form Factor	Rack mount (1U)
LCM Display	1.3" touchscreen
Supported Rack Depth	482.6 mm (19") four-post racks; Post depths ranging from 600 to 1,066 mm (23.6–42")
Etherlighting™	Yes (Ethernet, SFP28)

Hardware Specifications

2.5 GbE RJ45 Ports	8 (All PoE+++)
10 GbE RJ45 Ports	16 (All PoE+++)
25G SFP28 Ports	2 (25G/10G/1G)
PoE Ports	24 (All PoE+++)
Max. PoE Wattage per Port	PoE: 15.4W; PoE+: 30W; PoE++: 60W; PoE+++: 90W
Total PoE Availability	720W
Max. Power Consumption	150W (Excluding PoE Output); 870W (Including PoE Output)
Power Method	(1) Universal input, 100–240V AC, 50/60 Hz; (1) USP RPS DC input
Power Supply	AC/DC, internal, 870W
Supported Voltage Range	100–240V AC
Redundancy	DC Power Backup (USP-RPS)

Performance Specifications

Switching Capacity	460 Gbps
Total Non-Blocking Throughput	230 Gbps
Forwarding Rate	342 Mpps
Supported VLANs	1,000
MAC Address Table Size	128,000
ARP Entries	128,000
IPv4 Routes	256,000
Packet Buffer Size	8 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
SFP28	Yes
RPS	Yes

Environmental Specifications

Operating Temperature	-5 to 40° C (23 to 104° F)
Operating Humidity	10 to 90% noncondensing
ESD/EMP Protection	Air: ± 30kV, Contact: ± 20kV

Certifications
NDAA Compliant

CE, FCC, IC
Yes