



Standard 16 PoE Spec Sheet

| USW-16-POE

A 16-port, Layer 2 PoE switch with a silent, fanless cooling system.

- (8) GbE PoE+, (8) GbE ports
- (2) 1G SFP ports
- 42W total PoE availability
- Fanless, silent cooling

Mechanical

Dimensions	442 x 200 x 44mm
Weight	Without mounting brackets: 2.8kg With mounting brackets: 2.9kg
Enclosure material	SGCC steel

Hardware

Management interface	Ethernet In-Band
Networking interface	(16) GbE RJ45 ports (2) 1 SFP ports
Total non-blocking throughput	18 Gbps
Switching capacity	36 Gbps
Forwarding Rate	26.78 Gbps
Power method	Universal input, 100-240V AC, 50/60Hz
Power supply	AC/DC, Internal, 60W
Supported voltage range	100—240V AC
Max. power consumption	18W
Total available PoE	42W
Max. PoE wattage per port by PSE	PoE+: 32W
Voltage range PoE mode	PoE: 44-57V PoE+: 50-57V
ESD/EMP protection	Air $\pm$ 16kV, contact: $\pm$ 12kV
LCM display	(1) 1.3" touchscreen
Button	Factory reset

Shock and vibration	ETSI300-019-1.4 Standard
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	-
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LEDs

System	Status
Ethernet	PoE Speed/link/activity
SFP	Link/activity

Application Requirements

UniFi Network	Version 7.2.94 and later
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