

UniFi Switch Ultra

Model: USW-Ultra | Official technical specifications reproduced from Ubiquiti Tech Specs

8 x GbE RJ45	7 x PoE+ + 1 x PoE++ input	16 Gbps switching	12 Mpps forwarding
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Overview

Dimensions	203 x 76 x 33 mm (8 x 3 x 1.3 in)
Port layout	8 x 1 GbE RJ45 (7 PoE+; 1 PoE++ input), 1G/100M/10M
Max. PoE output	Up to PoE+
Form factor	Compact desktop, wall, magnetic

Performance

Switching capacity	16 Gbps
Total non-blocking throughput	8 Gbps
Forwarding rate	12 Mpps
Supported VLANs	256
MAC address table size	4,000

Layer 2 features

STP & RSTP; egress rate limit; flow control; storm control; multicast & broadcast rate limiting; port isolation; port mirroring; jumbo frames; loop protection.

Power and PoE

PoE ports	7 x PoE+; 1 x PoE++ input
Max. PoE wattage per port by PSE	PoE+: 30W
Total PoE availability	PoE++ input: 42W; PoE+ input: 16W; 60W PoE adapter input: 42W; 60W AC adapter input: 52W; 210W AC adapter input: 202W
Max. power consumption	9W excluding PoE output with PoE input; 8W excluding PoE output with adapter input; 210W including PoE output with 210W AC adapter input
Power method	(1) AC/DC adapter (excluded); (1) PoE++
Power input method	DC input; PoE
Supported voltage range	50-57V DC/PoE

Hardware and environment

Management	Ethernet
Heat dissipation	31 BTU/hr (excluding PoE output)
Weight	Device: 320 g (11.3 oz); wall mount: 45 g (1.6 oz)
Enclosure material	Polycarbonate
Mount material	Polycarbonate
Ambient operating temperature	PoE++ input: -30 to 60 C (-22 to 140 F); 60W AC adapter input: -20 to 45 C (-4 to 113 F); 210W AC adapter input: -20 to 60 C (-4 to 140 F)
Ambient operating humidity	10 to 90% noncondensing
NDAA compliant	Yes
Certifications	CE, FCC, IC, Anatel: 06367-24-08356

Software

Application requirement	UniFi Network version 8.0.28 and later
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Source note

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