

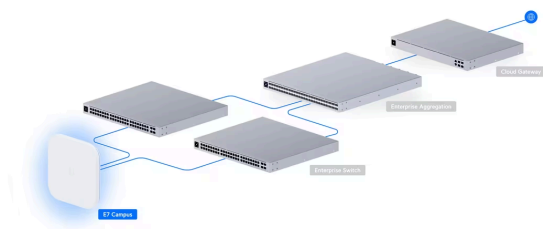
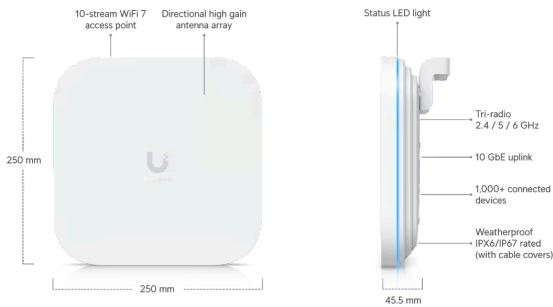


Enterprise > E7 Campus



E7 Campus

E7-Campus-US

[Datasheet](#)[In The Box](#)[Marketing Images](#)[Installation Guide](#)

Mechanical

Dimensions

Device: 250 x 250 x 45.5 mm (9.8 x 9.8 x 1.8")
Articulating mount: Ø104 x 149.4 (Ø4.1 x 5.9")

Weight

Device: 2.2 kg (4.9 lb)
Articulating mount: 0.9 kg (2 lb)

Enclosure material

UV-stabilized polycarbonate, aluminum alloy

Mount material

Stainless steel, aluminum alloy

Pole mount diameter

1-2.5" (25-63.5 mm) on pipe outer diameter

Wind survivability

164.75 N at 200 km/h (37 lbf at 125 mph)

Weatherproofing

IPX6
IP67 with Waterproof Door Kit (Included)

Hardware

Networking interface

(1) 10 GbE RJ45 port
(1) 1 GbE RJ45 port

Management interface

Ethernet

Power method

PoE++

Power supply

UniFi PoE switch

Supported voltage range

42.5—57V DC

Max. power consumption

44W

Max. TX power

2.4 GHz 23 dBm
5 GHz 30 dBm
6 GHz 30 dBm (36 dBm EIRP)*

*With 6 GHz Extended Range mode. Available in FCC/IC region only.

MIMO

2.4 GHz 2 x 2 (DL/UL MU-MIMO)
5 GHz 4 x 4 (DL/UL MU-MIMO)
6 GHz 4 x 4 (DL/UL MU-MIMO)

Max. data rate

2.4 GHz 688 Mbps (BW40)
5 GHz 8.6 Gbps (BW240)
6 GHz 11.5 Gbps (BW320)

Antenna gain

2.4 GHz 9 dBi
5 GHz 12 dBi
6 GHz 12 dBi

Antenna

Internal with directional patterns

LEDs

R/G/B

Button

Factory reset

Mounting

Articulating mount for wall, pole or ceiling mounting (Included)

Ambient operating temperature	-30 to 60° C (-22 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	FCC, IC

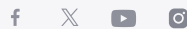
Software

WiFi standards	802.11a/b/g/n/ac/ax/be (WiFi 6, WiFi 7)
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	1,000+
Ubiquiti specific features	High selectivity PRISM™ RF filtering technology Dedicated spectral analyzer radio

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
802.11be (WiFi 7)	7.3 Mbps to 11.5 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240/320)

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