

Item no.: U6-ENTERPRISE

## U6-ENTERPRISE - Ceiling-mount WiFi6E AP with 2.5 GbE

from **291,04 EUR**

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shipping weight: 1.90 kg

Manufacturer: Ubiquiti



### Product Description

Ubiquiti U6-Enterprise - Ceiling-mount WiFi6E AP with 2.5 GbE

Powerful, ceiling-mounted WiFi 6E access point designed to provide seamless, multi-band coverage within high-density client environments.

#### Mechanical

- Dimensions: Ø220 x 48.1 mm (Ø8.66 x 1.89")
- Weight: Without mount: 960 g (2.1 lb); With mount: 1090 g (2.4 lb)
- Enclosure materials: Top housing: Plastic; Bottom housing: Aluminum
- Mount material: SGCC steel

#### Hardware

- Management interface: Ethernet, Bluetooth
- Networking interface: (1) 2.5 GbE RJ45 port
- Button: Reboot and factory-reset
- LED: W/B
- Power method: PoE+
- Power supply: UniFi PoE switch; 48 V, 0.5 A PoE adapter (optional)
- Supported voltage range: 44 - 57 V DC
- Max. power consumption: 22 W
- Max. TX power: 2.4 GHz: 22 dBm; 5-7 GHz: 26 dBm
- MIMO: 2.4 GHz: 2 x 2 (UL MU-MIMO); 5 GHz: 4 x 4 (DL/UL MU-MIMO); 6 GHz: 4 x 4 (DL/UL MU-MIMO)
- Throughput rate: 2.4 GHz: 573.5 Mbps; 5 GHz: 4.8 Gbps; 6 GHz: 4.8 Gbps
- Antenna gain: 2.4 GHz: 3.2 dBi; 5 GHz: 5.3 dBi; 6 GHz: 6 dBi
- Mounting: Wall/ceiling (included)
- Operating temperature: -30°C to 60°C (-22°F to 140°F)
- Operating humidity: 5 - 95% non-condensing
- Certifications: CE, FCC, IC

#### Software

- WiFi standards: 802.11a/b/g; WiFi 4/WiFi 5/WiFi 6/WiFi 6E
- Wireless security: WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
- BSSID: 8 per radio
- VLAN: 802.1Q
- Advanced QoS: Per-user rate limiting
- Guest traffic isolation: Supported
- Concurrent clients: 600+
- Zero wait DFS: Yes

Supported Data Rates (Mbps)

- 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 (WiFi 4): 6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
- 802.11ac (WiFi 5): 6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
- 802.11ax (WiFi 6/6E): 7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

## Specifications

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