

## Access Point U6 Enterprise



## Mechanical

|                     |  |
|---------------------|--|
| Dimensions          | Ø220 x 48 mm (Ø8.7 x 1.9")                                   |
| Weight              | Without mount: 960 g (2.1 lb)<br>With mount: 1090 g (2.4 lb) |
| Enclosure materials | Top housing: polycarbonate<br>Bottom housing: aluminium      |
| Mount material      | Stainless steel (SUS304)                                     |

## Hardware

|                         |  |                       |
|-------------------------|--|-----------------------|
| Networking interface    | (1) 2.5GbE RJ45 port                                 |                       |
| Management interface    | Ethernet<br>Bluetooth                                |                       |
| Power method            | PoE+   |                       |
| Power supply            | UniFi PoE switch<br>48V, 0.5A PoE adapter (optional) |                       |
| Supported voltage range | 44–57V DC  |                       |
| Max. power consumption  | 22W  |                       |
| 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                 |
| LEDs                    | White/blue   |                       |
| Buttons                 | Reboot and factory reset                             |                       |
| Mounting                | Wall/ceiling (Included)                              |                       |
| Operating temperature   | -30 to 60° C (-22 to 140° F)                         |                       |
| Operating humidity      | 5 to 95% noncondensing                               |                       |
| Certifications          | CE, FCC, IC  |                       |

## Software

|                   |   |
|-------------------|---|
| WiFi standards    | 802.11a/b/g<br>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

|                      |   |
|----------------------|---|
| 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) |

