

## UniFi6 Extender



## Mechanical

|                    |                                               |
|--------------------|-----------------------------------------------|
| Dimensions         | 169.7 x 112.2 x 77.6 mm (6.68 x 4.42 x 3.05") |
| Weight             | 340 g (12 oz)                                 |
| Enclosure material | Plastic                                       |

## Hardware

|                         |                                                                                                                                  |                       |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Management interface    | Bluetooth                                                                                                                        |                       |
| Button                  | Factory reset                                                                                                                    |                       |
| LED*                    | White/blue<br><small>*Due to chip supply shortages, the U6 AP's LED has been limited to only white and blue color modes.</small> |                       |
| Power method            | Universal AC input, 100-240VAC, 0.3A max., 50/60 Hz                                                                              |                       |
| Supported voltage range | 110 to 240VAC                                                                                                                    |                       |
| Max. power consumption  | 11W                                                                                                                              |                       |
| Max. TX power           | 2.4 GHz                                                                                                                          | 22 dBm                |
|                         | 5 GHz                                                                                                                            | 26 dBm                |
| MIMO                    | 2.4 GHz                                                                                                                          | 2 x 2 (UL MU-MIMO)    |
|                         | 5 GHz                                                                                                                            | 4 x 4 (DL/UL MU-MIMO) |
| Throughput rate         | 2.4 GHz                                                                                                                          | 573.5 Mbps            |
|                         | 5 GHz                                                                                                                            | 4.8 Gbps              |
| Antenna gain            | 2.4 GHz                                                                                                                          | 5 dBi                 |
|                         | 5 GHz                                                                                                                            | 6 dBi                 |
| Operating temperature   | -10 to 50° C (14 to 122° F)                                                                                                      |                       |
| Operating humidity      | 5 to 95% noncondensing                                                                                                           |                       |
| Certification           | CE                                                                                                                               |                       |

## Software

|                         |                                         |
|-------------------------|-----------------------------------------|
| WiFi standards          | 802.11a/b/g<br>WiFi 4/WiFi 5/WiFi 6     |
| 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      | 300+                                    |
| 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 3.4Gbps (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) |

