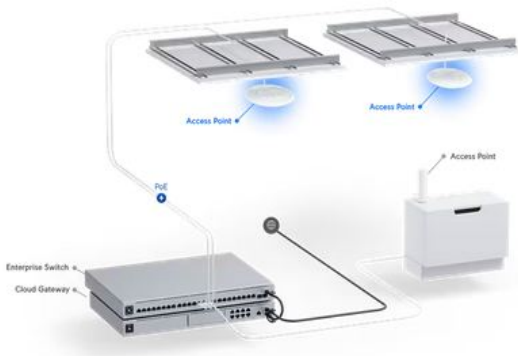


U7 PRO DATA SHEET



Mechanical

| | |
|---------------------------|---|
| Dimensions | Ø206 x 46 mm (Ø8.1 x 1.8") |
| Weight | 680 g (1.5 lb) |
| Enclosure material | Polycarbonate, metal |
| Mount material | Stainless steel (SUS304), galvanized steel (SGCC) |

Hardware

| | |
|--------------------------------|-------------------------|
| Networking interface | (1) 1/2.5 GbE RJ45 port |
| Management interface | Ethernet |
| Power method | PoE+ |
| Power supply | UniFi PoE switch |
| Supported voltage range | 44–57V DC |
| Max. power consumption | 21W |

Max. TX power

| | |
|---------|--------|
| 2.4 GHz | 22 dBm |
| 5 GHz | 26 dBm |
| 6 GHz | 23 dBm |

MIMO

| | |
|---------|-------|
| 2.4 GHz | 2 x 2 |
| 5 GHz | 2 x 2 |
| 6 GHz | 2 x 2 |

Throughput rate

| | |
|---------|-----------|
| 2.4 GHz | 688 Mbps |
| 5 GHz | 2882 Mbps |
| 6 GHz | 5765 Mbps |

Antenna gain

| | |
|---------|---------|
| 2.4 GHz | 4 dBi |
| 5 GHz | 6 dBi |
| 6 GHz | 5.8 dBi |

LEDs White/blue

Button Factory reset

Mounting Wall/ceiling (Included)

Ambient operating temperature -30 to 60° C (-22 to 140° F)

Ambient operating humidity 5 to 95% noncondensing

Certifications CE, FCC, IC

Software

| | |
|--------------------------------|--|
| WiFi standards | 802.11a/b/g/n/ac/ax/be |
| 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 | 300+ |

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 300 Mbps (MCS0 - MCS15, HT 20/40) |
| 802.11ac (WiFi 5) | 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160) |
| 802.11ax (WiFi 6/6E) | 7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160) |
| 802.11be (WiFi 7) | 7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320) |

Application Requirements

| | |
|----------------------|--------------------------|
| UniFi Network | Version 8.0.26 and later |
| UniFi OS | Version 3.2 and later |