

U6-PRO Access Point

Access Point UBIQUITI UNIFI 6 AP PRO U6-PRO

The following communication parameters are provided in the 5 GHz band:

The antenna group operates in 4x4 MU-MIMO mode via both uplink and downlink;
Transmitter power — 26 dBm;
antenna gain — 6 dBi;
The maximum bandwidth is 4.8 Gbit/s.
In the 2.4 GHz band:

the antenna group operates in 2x2 MU-MIMO mode via uplink;
Transmitter power — 22 dBm;
antenna gain — 4 dBi;
the maximum throughput is 573.5 Mbps.
Other wireless settings:

Supported WiFi standards-802.11 a/b/g/n / ac/ax;
security certificates — WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3);
the maximum number of SSIDs is 8 for each band.



Detailed

Model	U6-Pro
Size	Ø197 x 35 mm
Weight	Without mount: 460g With mount: 600g
Housing material	Plastic
Mounting material	SGCC Steel
Weather protection	IP54
Processor	Dual-core Cortex® A53, 1 GHz
Random access memory	512 MB
Management interface	Ethernet
Network interface	1 1 Gbps RJ45 port
Buttons	Factory Reset

LED Colors	RGB
Food	PoE+, Passive PoE (48B)
Power supply	UniFi PoE Switch 48V, 0.5 A PoE Power Supply
Input voltage range	44 - 57B DC
Maximum power consumption	13W
Maximum transmission power	2.4 GHz-20 dBm 5GHz-20 dBm
MIMO	2.4 GHz - 2 x 2 5 Ghz — 4 x 4
Maximum data transfer rate	2.4 GHz - 573.5 Mbps 5GHz - 4.8 Gbps
Antenna gain	2.4 GHz - 4 dBi 5GHz-6 dBi
Mounting	On the ceiling or wall
Operating temperature	-10 to 50° C
Operating humidity	5 to 95% non-condensing
Certification process	CE, FCC, IC
Wi-Fi Standards	802.11a/b/g/Wi-Fi 4/Wi-Fi 5/Wi-Fi 6
Safety	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8
VLAN	802.1Q
Advanced QoS	Yes
Isolating guest traffic	Yes
Number of clients	300+
Zero Wait DFS	Yes
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 (Wi-Fi 4)	6.5 Mbps - 400 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (Wi-Fi 5)	6.5 Mbps - 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (Wi-Fi 6)	7.3 Mbps - 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
Article number	U6-Pro