



Wi-Fi / Flagship
U7 Pro XG



Overview

Dimensions	Ø206 x 32.5 mm (Ø8.1 x 1.3")
WiFi Standard	WiFi 7
Spatial Streams	6
Coverage Area	140 m ² (1,500 ft ²)
Max. Client Count	300+
Uplink	10 GbE
Mounting	Ceiling, Wall (Lite Mount Included)
Power Method	PoE+

Performance

MIMO

6 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
2.4 GHz	2 x 2 (DL/UL MU-MIMO)

Max. Data Rate

6 GHz	5.8 Gbps (BW320)
5 GHz	4.3 Gbps (BW240)
2.4 GHz	688 Mbps (BW40)

Antenna Gain

6 GHz	6 dBi
5 GHz	5 dBi
2.4 GHz	4 dBi

Max. TX Power

6 GHz	24 dBm
5 GHz	26 dBm
2.4 GHz	23 dBm

Supported Data Rates

802.11be (WiFi 7)	6 GHz: 7.3 Mbps to 5.8 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/320) 5 GHz: 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11ac (WiFi 5)	6.5 Mbps to 1.7Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

Features

Wireless Meshing	Yes
Band Steering	Yes
802.11v BSS Transition Management	Yes
802.11r Fast Roaming	Yes
802.11k Radio Resource Management (RRM)	Yes
Advanced Radio Management	Yes
Passpoint (Hotspot 2.0)	Yes
Captive Hotspot Portal	
— Custom Branding Landing Page	Yes
— Voucher Authentication	Yes
— Payment-Based Authentication	Yes
— External Portal Server Support	Yes
— Password Authentication	Yes
— Guest Network Isolation	Yes
Private Pre-Shared Key (PPSK)	Yes
WiFi Speed Limiting	Yes
Client Device Isolation	Yes
WiFi Schedules	Yes
RADIUS over TLS (RadSec)	Yes
Dynamic RADIUS-assigned VLAN	Yes

Hardware

Max. Power Consumption	22W
Supported Voltage Range	42.5—57V DC
Networking Interface	(1) 10 GbE RJ45 port
Weight	750 g (1.7 lb)
Management	Ethernet
Enclosure Material	UV-stabilized polycarbonate, aluminum alloy
Mount Material	Stainless steel (SUS304), galvanized steel (SGCC)
LEDs	
└ System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240/320 (MHz)
Certifications	CE, FCC, IC
Ambient Operating Temperature	-30 to 40° C (-22 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing

