



U7 Pro XGS

Specifications:	
Dimensions	Ø215 x 32.5 mm
WiFi Standard	WiFi 7
Spatial Streams	8
Coverage Area	160 m ²
Max. Client Count	500+
Uplink	10 GbE
Mounting	Ceiling, Wall (Lite Mount Included)
Power Method	PoE++
MIMO 6 GHz	2 x 2 (DL/UL MU-MIMO)
MIMO 5 GHz	4 x 4 (DL/UL MU-MIMO)
MIMO 2.4 GHz	2 x 2 (DL/UL MU-MIMO)
Max. Data Rate 6 GHz	5.8 Gbps (BW320)
Max. Data Rate 5 GHz	8.6 Gbps (BW240)
Max. Data Rate 2.4 GHz	688 Mbps (BW40)
Antenna Gain 6 GHz	6 dBi
Antenna Gain 5 GHz	6 dBi
Antenna Gain 2.4 GHz	4 dBi
Max. TX Power 6 GHz	24 dBm
Max. TX Power 5 GHz	29 dBm
Max. TX Power 2.4 GHz	23 dBm
Max. BSSIDs	8 per Radio
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 8.6 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240)
Supported Data Rates 802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
Supported Data Rates 802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
Supported Data Rates 802.11n	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
Wireless Meshing	Yes
Band Steering	Yes
802.11v BSS Transition Management	Yes
802.11r Fast Roaming	Yes
802.11k Radio Resource Management (RRM)	Yes
Zero-Wait DFS	Yes



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Advanced Radio Management	Yes
Real-Time Spectral Analysis	Yes
Passpoint (Hotspot 2.0)	Yes
Captive Hotspot Portal	Custom Branding Landing Page Voucher Authentication Payment-Based Authentication External Portal Server Support Password Authentication
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
Max. Power Consumption	29W
Supported Voltage Range	42.5—57V DC
Networking Interface	(1) 10 GbE RJ45 port
Weight	800 g
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
NDAA Compliant	Yes
Ambient Operating Temperature	-30° C to 40° C
Ambient Operating Humidity	5 to 95% non condensing
Application Requirements	UniFi Network Version 9.0.114 and later



Datasheet

