

UniFi

Express Gateway Datasheet

MiRO

UniFi - Express

SKU: UB-UX-EXP



The UniFi Cloud Gateway and Wi-Fi 6 Access Point can power an entire UniFi network or mesh as an Access Point.

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Mechanical

Dimensions	98 x 98 x 30 mm (3.6 x 3.6 x 1.2")
Weight	302 g (10.7 oz)
Enclosure material	Polycarbonate

Hardware

Management interface	Ethernet Bluetooth
Networking interface	LAN: (1) GbE RJ45 port WAN: (1) GbE RJ45 port
Power method	USB type C (5V DC/3A)
Max. power consumption	10W
Max. TX power	
2.4 GHz	22 dBm
5 GHz	25 dBm
MIMO	
2.4 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
Throughput rate	
2.4 GHz	573.5 Mbps
5 GHz	2.4 Gbps
Antenna gain	
2.4 GHz	4 dBi
5 GHz	5.15 dBi

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Antennas	(2) Internal 2.4G/5G WiFi dual-band antenna (1) Internal 2.4G single-band BT antenna
LCM display	0.96" status display
Button	Factory reset
Ambient operating temperature	-10 to 40° C (14 to 104° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Gateway Features

Performance	Internet quality and outage reporting Application-aware firewall rules Content, country, domain, and ad filtering VLAN/subnet-based traffic segmentation Full stateful firewall
Next-generation security	License-free SD-WAN WireGuard, L2TP and OpenVPN server OpenVPN client OpenVPN and IPsec site-to-site VPN One-click Teleport VPN Policy-based WAN and VPN routing DHCP relay Customizable DHCP server IGMP proxy IPv6 ISP support
Advanced networking	

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Software

WiFi standards

802.11a/b/g/n/ac/ax

Wireless security

WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)

BSSID

Console mode: 3 per band

Standard AP: 8 per band

VLAN

802.1Q

Advanced QoS

Per-user rate limiting

Guest traffic isolation

Supported

Concurrent clients

50+*

*Performance may be degraded with advanced gateway features (e.g., Traffic Identification).

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 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)

7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

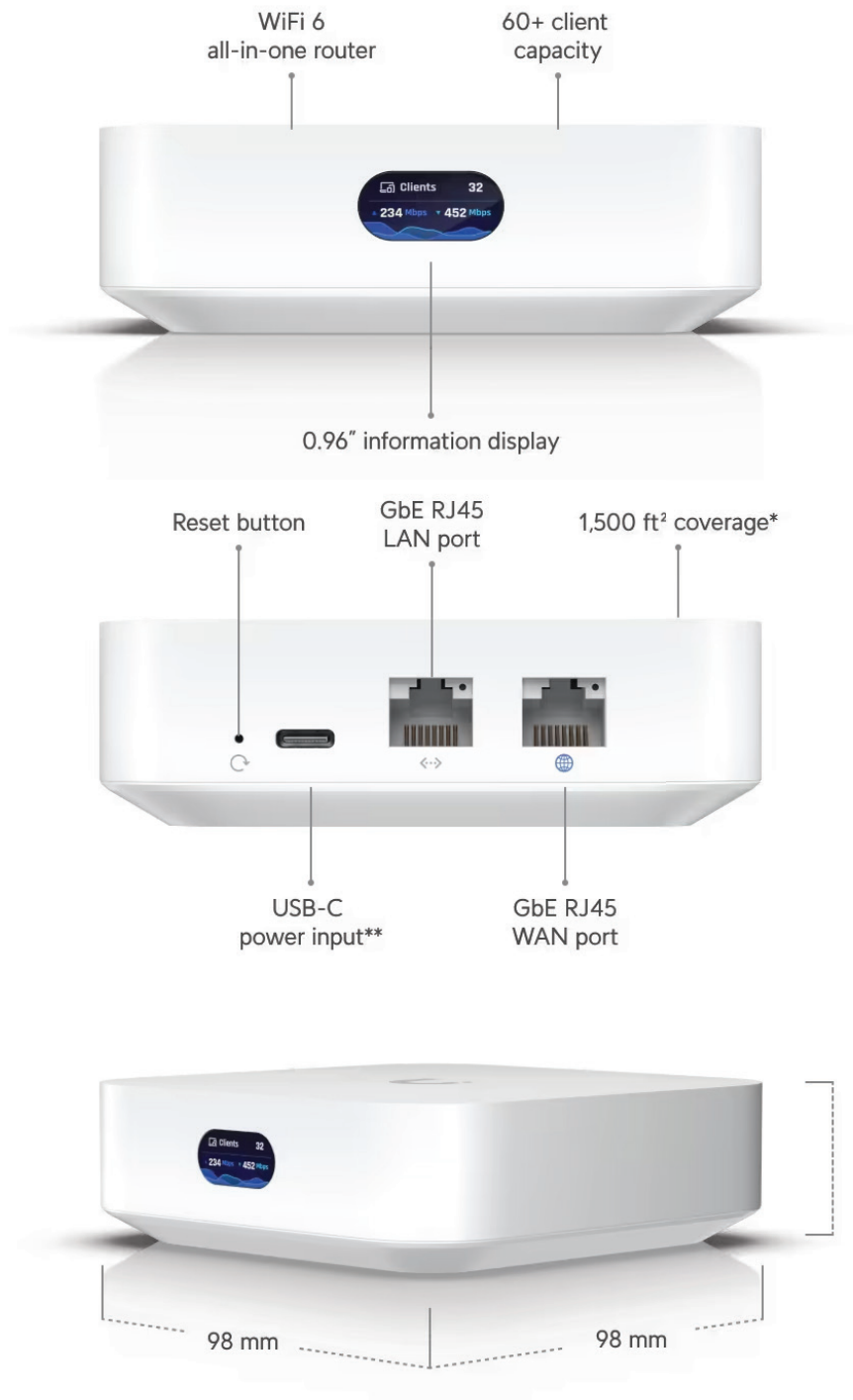
Application Requirements

UniFi Network

Version 8.0.7 and later

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*1,500 ft² coverage for single unit, 3000-4500 ft² mesh mesh with 2-3 units.

**5V DC, 3A USB-C adapter included.