UniFi | Cloud Gateway Datasheet

UniFi Express
SKU: UB-UXG-LITE

The Ubiquiti UniFi Gateway Lite ia a powerful and compact UniFi gateway that offers a full suite of advanced routing and security features. Up to 10x routing performance increase over USG. Managed with a Cloud Key, Official UniFi Hosting, or UniFi Network Server. 1x GbE WAN port, 1x GbE LAN port and USB-C powered (adapter included)

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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

Networking interface	(1) GbE RJ45 WAN port
	(1) GbE RJ45 LAN port
Management interface	Ethernet
	Bluetooth
Power method	USB type C (5V DC/3A)
Max. power consumption	10W

Max. Wi-Fi TX power

2.4 GHz	22dBm
5 GHz	25dBm

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	4dBi
5 GHz	5.15dBi

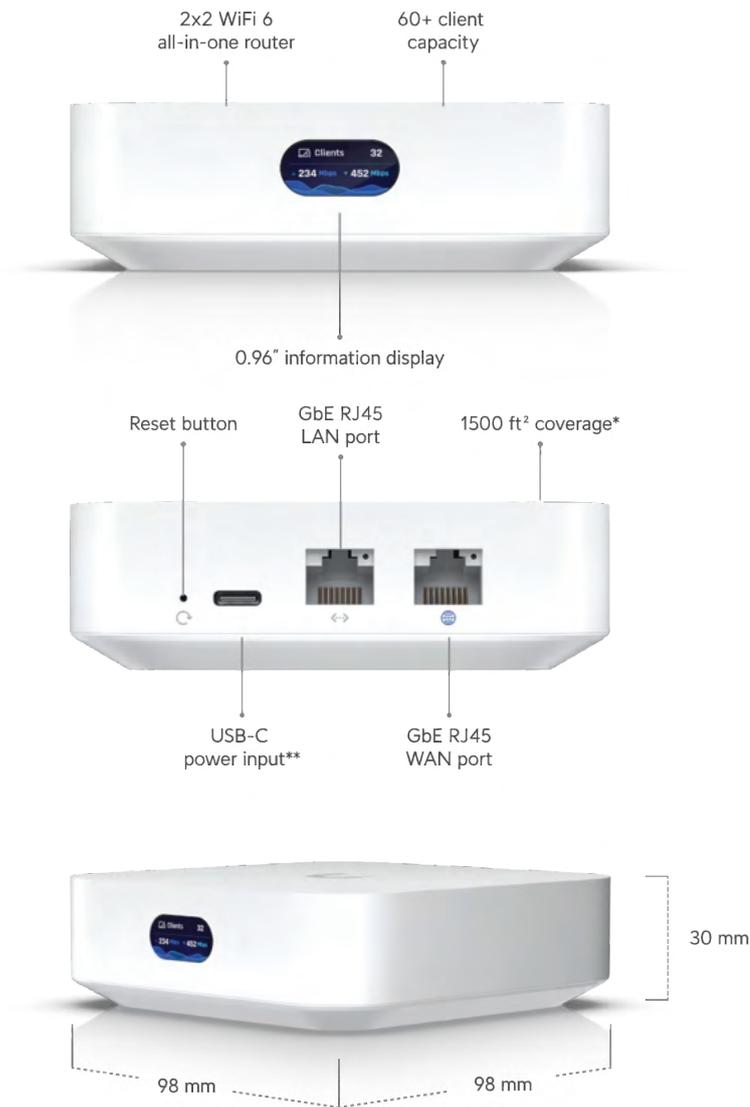|	
Antennas	(2) Internal 2.4G/5G WiFi dual-band antenna
	(1) Internal 2.4G single-band BT antenna
LCM display	0.96" status display
Button	Factory reset
Operating temperature	-10 to 45° C (14 to 113° F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Disclaimer: The manufactuer may modify the product at any time and information on the datasheet must be confirmed.

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Software

Wi-Fi standards	802.11a/b/g Wi-Fi 4/Wi-Fi 5/Wi-Fi 6
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	60+
Zero wait DFS	Yes

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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2x2 WiFi 6
all-in-one router

60+ client
capacity

0.96″ information display

Reset button

GbE RJ45
LAN port

1500 ft² coverage*

USB-C
power input**

GbE RJ45
WAN port

30 mm

98 mm

98 mm

* 1500 ft² coverage for single unit, 3000-4500 ft² coverage mesh with 2-3 units.

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

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