

Tech Specs

UniFi UISP Branding

Switching WiFi Camera Security Door Access CloudKeys & Gateways Power Tech New I

UniFi Cloud Gateways > UniFi Express

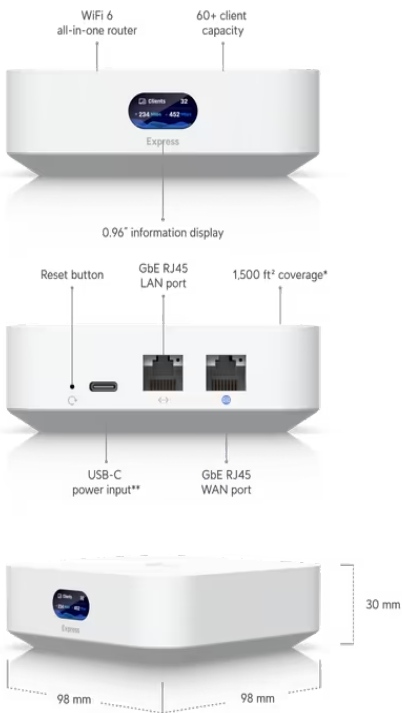
Datasheet

In The Box

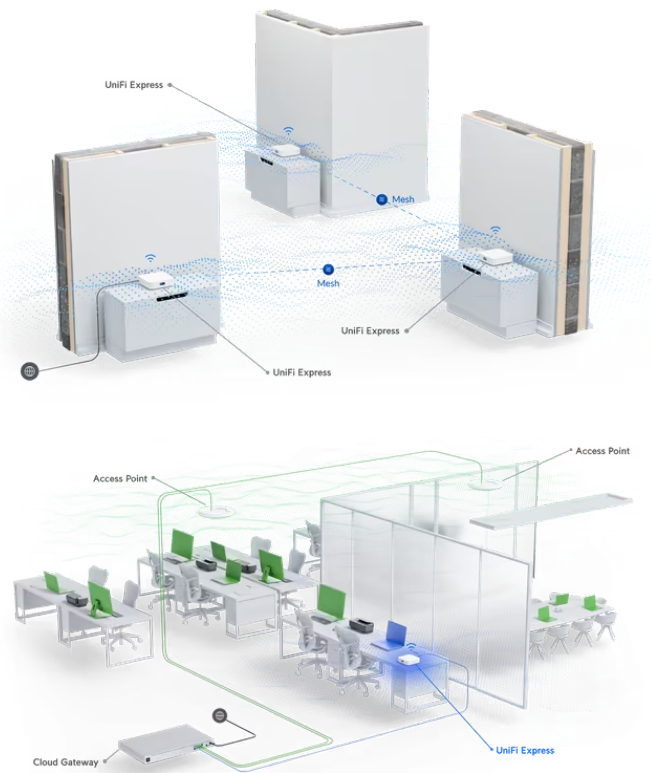
Marketing Images

FAQ

Installation Guide



1,500 ft coverage for single unit, 3000-4500 ft* mesh mesh with 2-3 units.
**5V DC, 3A USB-C adapter included.



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

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
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 45° C (14 to 113° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Gateway Features

Performance	Internet quality and outage reporting
Next-generation security	Application-aware firewall rules Content, country, domain, and ad filtering VLAN/subnet-based traffic segmentation Full stateful firewall

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

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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