

Technical Specifications

Mechanical

Dimensions	117 x 117 x 42.5 mm (4.6 x 4.6 x 1.7")
Weight	422 g (14.9 oz)
Enclosure material	Polycarbonate

Hardware

Management interface	Ethernet Bluetooth
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Networking interface	LAN: (1) 2.5 GbE RJ45 port WAN: (1) 10 GbE RJ45 port
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IDS/IPS throughput	2.3 Gbps
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Power method	USB type C (5V DC/5A)
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Max. power consumption	22W
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Max. TX power	
2.4 GHz	23 dBm
5 GHz	26 dBm
6 GHz	24 dBm

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

Throughput rate	
2.4 GHz	688 Mbps (BW40)
5 GHz	4.3 Gbps (BW240)
6 GHz	5.7 Gbps (BW320)

Antenna gain	
2.4 GHz	4 dBi
5 GHz	7 dBi
6 GHz	6 dBi

LCM display	0.96" status display
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LEDs	RJ45 green: link/activity
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Button	Factory reset
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Ambient operating temperature	-10 to 40° C (14 to 104° F)
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Ambient operating humidity	5 to 95% noncondensing
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Certifications	CE, FCC, IC
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Gateway Features

Performance	Internet quality and outage reporting
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Next-generation security	Application-aware firewall rules Content, country, domain, and ad filtering VLAN/subnet-based traffic segmentation Full stateful firewall
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Advanced networking	License-free SD-WAN WireGuard, L2TP and OpenVPN server
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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/be (WiFi 6/6E, WiFi 7)
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
BSSID	Gateway mode: 4 per radio Standard AP: 4 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+

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	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)
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)

Application Requirements

UniFi Network	Version 9.0.108 and later
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