

Technical Specifications

Mechanical

Dimensions	Ø110 x 184.1 mm (Ø4.3 x 7.3")
Weight	1.1 kg (2.4 lb)
Enclosure material	Polycarbonate

Hardware

Processor	Quad-core Arm® Cortex® A53 at 1.5 GHz
System memory	3 GB DDR4
Expansion slot	MicroSD memory card* 64 GB pre-installed microSD.
Management interface	Ethernet Bluetooth
Networking interface	LAN: (3) 2.5 GbE RJ45 ports WAN: (1) 10G SFP+ port (1) 2.5 GbE RJ45 port
PoE interface	(1) PoE (Pair A 1, 2+; 3, 6-)
IDS/IPS throughput	2.3 Gbps
Power method	Universal AC input, 100—240V AC, 1.5A Max., 50/60 Hz
Power supply	AC/DC, internal, 50W
Supported voltage range	100—240V AC
Max. power consumption	26W (Excluding PoE output)
PoE budget	15.4W
Max. PoE wattage per port by PSE	15.4W
Voltage range PoE mode	44—57V DC
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	5 dBi
5 GHz	7 dBi
6 GHz	6 dBi
LCM display	(1) 0.96" screen
Button	Factory reset
LEDs	White/blue

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 WiFi QoS with UniFi APs
Application, domain, and country-based QoS
Application and device type identification
Additional internet failover with LTE Backup
Internet quality and outage reporting

Next-generation security Application-aware firewall rules
Signature-based IPS/IDS threat detection
Content, country, domain, and ad filtering
VLAN/subnet-based traffic segmentation
Full stateful firewall

Advanced networking License-free SD-WAN
WireGuard, L2TP and OpenVPN server
OpenVPN client
OpenVPN and IPsec site-to-site VPN
One-click Teleport and Identity 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 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 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