

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