

Mechanical

Dimensions	549 x 342 x 62 mm (21.6 x 13.5 x 2.4")
Weight	8.6 kg (19 lb)
Enclosure material	Polycarbonate, galvanized steel, aluminum alloy
Mount material	Stainless steel

Hardware

Processor	Quad-core ARM® Cortex®-A57 at 1.7 GHz
System memory	4 GB DDR4
On-board storage	16 GB eMMCIntegrated 128 GB SSDPre-installed 512 GB microSD card
Expansion slot	Micro SD memory card**Requires a memory card with at least 128 GB of storage.
Management interface	EthernetBluetoothWiFi
Networking interface	LAN:(17) GbE RJ45 ports(1) 10G SFP+ portWAN:(1) 2.5 GbE RJ45 port(1) 10G SFP+ port
PoE interface	(4) PoE (Pair A 1, 2+; 3, 6-)(4) PoE+ (Pair A 1, 2+; 3, 6-)(4) PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
Power method	Universal AC input 100—240V AC, 7A Max., 50/60Hz
Power supply	(2) Hot-Swappable AC/DC 550W PSU**Comes with (1) pre-installed PSU.
Max. power consumption	532W (Including PoE output)
PoE budget	420W
Max. PoE wattage per port by PSE	PoE: 15.4WPoE+: 30WPoE++: 60W
Voltage range PoE mode	PoE: 44—57VPoE+/PoE++: 50—57V
Max. TX power2.4 GHz5 GHz	23 dBm26 dBm
MIMO2.4 GHz5 GHz	2 x 24 x 4
Throughput rate2.4 GHz5 GHz	300 Mbps2.4 Gbps
Antenna gain2.4 GHz5 GHz	5.9 dBi6 dBi

Hardware

ESD/EMP protection	Air: ± 8kV, contact: ± 4kV
LCM display	(1) 4.7" touchscreen
Button	Factory reset
Mounting	Wall mount (included)
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	Redundant WAN with failover and load balancing 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

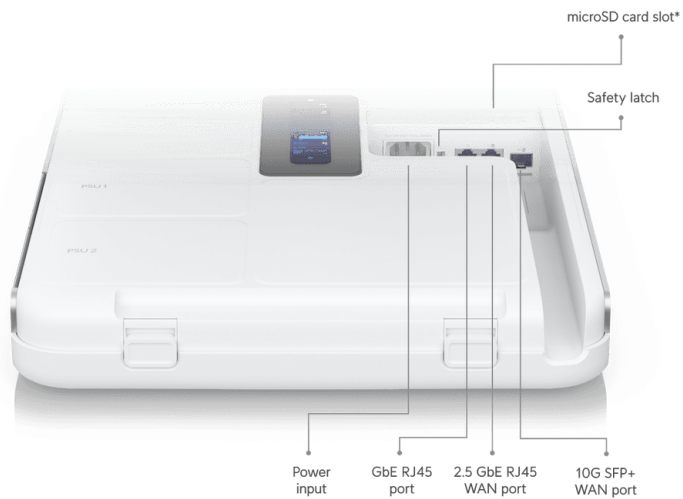
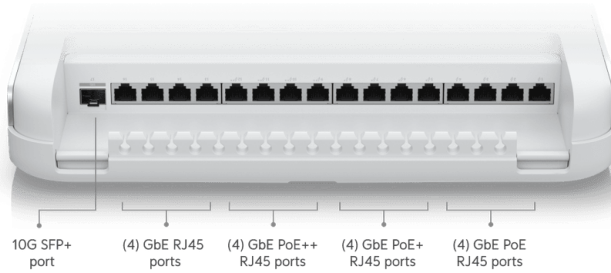
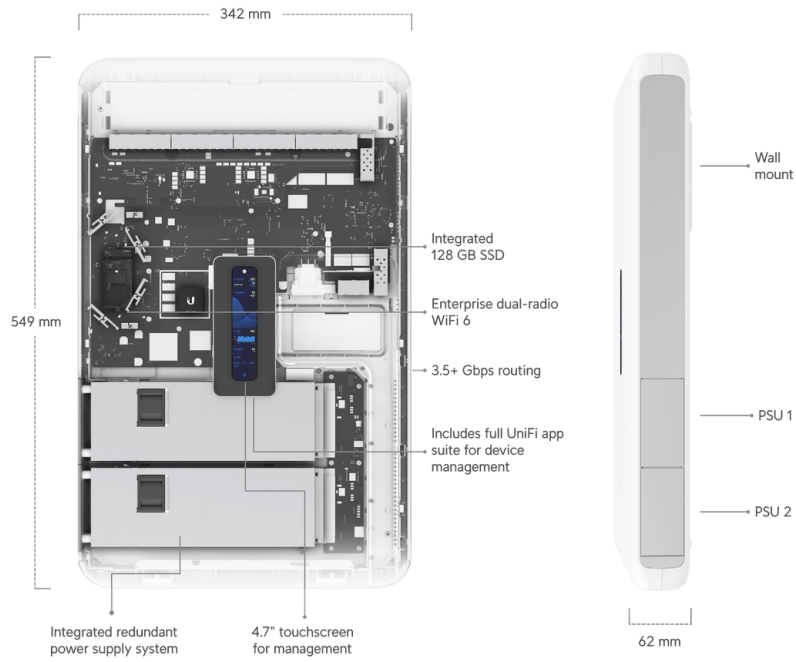
WiFi standards	802.11a/b/g/n/ac/ax
Wireless security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+

LEDs

Ethernet	White: link/activity
SFP+	White: link/activity
PSU	Blue: ready Amber: failure

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 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)



*Requires a memory card with at least 128 GB of storage.