

Tech Specs

UniFi UIISP Branding

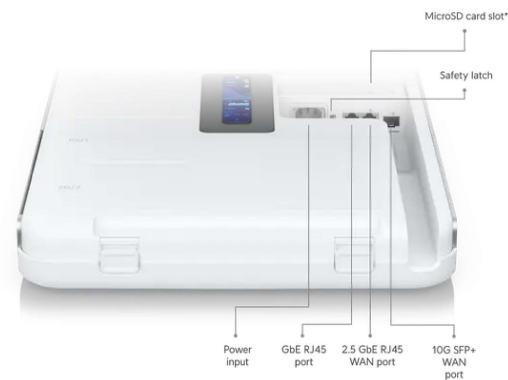
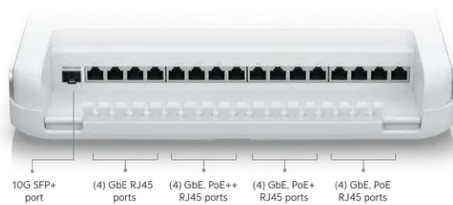
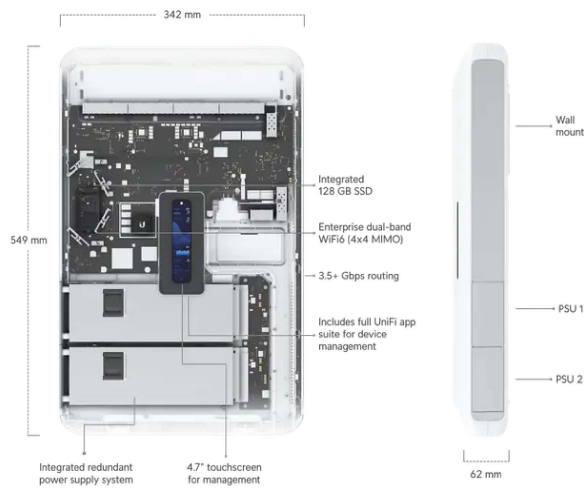
UniFi Cloud Gateways WiFi Switching Cloud Keys & Gateways Camera Security Door Access Phone System New Integrations Accessories

UniFi Cloud Gateways / Dream Wall

Datasheet

Installation Guide

Marketing Images



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

Mechanical

Dimensions 549 x 342 x 62 mm (21.6 x 13.5 x 2.4")

Weight 8.6 kg (19 lb)

Enclosure materials 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 eMMC Integrated 128 GB SSD Pre-installed 512 GB microSD card
Expansion slot	Micro SD memory card* *Requires a memory card with at least 128 GB of storage.
Management interface	Ethernet Bluetooth WiFi
Networking interface	(17) LAN: GbE RJ45 ports (1) WAN: 2.5 GbE RJ45 port
SFP+ interface	(1) LAN: 10G SFP+ port (1) WAN: 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
Max. PoE wattage per port by PSE	PoE: 15.4W PoE+: 30W PoE++: 60W
Voltage range PoE mode	PoE: 44—57V PoE+/PoE++: 50—57V
Max. TX power	
2.4 GHz	23 dBm
5 GHz	26 dBm
MIMO	
2.4 GHz	2 x 2
5 GHz	4 x 4
Throughput rate	
2.4 GHz	300 Mbps
5 GHz	2.4 Gbps
Antenna gain	
2.4 GHz	5.9 dBi
5 GHz	6 dBi
ESD/EMP protection	Air: ± 8kV, contact: ± 4kV
LCM display	(1) 4.7" touchscreen
Button	Factory reset
Mounting	Wall mount (included)
Operating temperature	-10 to 40° C (14 to 104° F)
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
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	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 UID VPN Policy-based WAN and VPN routing DHCP relay Customizable DHCP server IGMP proxy IPv6 ISP support

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
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)

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