

UniFi® Network



Dream Wall

Wall-mounted UniFi OS Console with a security gateway, a PoE switch including (4) 802.3bt PoE++ ports, a high-performance access point, and a network video recorder.

The Dream Wall is a powerful, wall-mounted UniFi OS Console designed to be a standalone, space-saving deployment hosting solution. This feature-rich, next-gen console is equipped with (17) GbE RJ45 ports, including (12) with PoE output [(4) PoE, (4) PoE+, and (4) PoE++], (3) multi-gigabit WAN/LAN ports, and a dual-band WiFi radio with a 2.7 Gbps aggregate throughput rate to give you the power to build reliable, fast networks that support a variety of local and remote clients. The Dream Wall also has a 1.3" LCM color touchscreen for convenient status monitoring and a built-in Bluetooth management radio to expedite your setup and configuration process via the UniFi Network application (web/mobile).



Mechanical

Dimensions	549 x 342 x 62 mm (21.6 x 13.5 x 2.4")
Weight	10 kg (22 lb)
Enclosure material	Polycarbonate, galvanized steel, aluminum alloy
Mount material	Stainless steel

Hardware

Processor specs	Quad-Core ARM® Cortex®-A57 at 1.7 GHz	
System memory	4GB DDR4	
On-board storage	16 GB eMMC Integrated 128 GB SSD	
Expansion slot	Micro SD memory card* (optional) <small>*Requires a memory card with at least 128 GB of storage.</small>	
Management interface	Ethernet Bluetooth WiFi	
Networking interfaces	(1) WAN: 2.5 GbE RJ45 port (17) LAN: 1 GbE RJ45 ports	
SFP+ interfaces	(1) WAN: 10G SFP+ (1) LAN: 10G SFP+	
PoE interfaces	(4) PoE IEEE 802.3af (pair A 1, 2+; 3, 6-) (4) PoE+ IEEE 802.3at (pair A 1, 2+; 3, 6-) (4) PoE++ IEEE 802.3bt (pair A 1, 2+; 3, 6-) (pair B 4, 5+; 7, 8-)	
LCM display	(1) 1.3" touchscreen Start-up animation: start-up in progress Firmware update icon: firmware updating	
Button	Factory-reset	
Power method	Universal AC input 100 to 240VAC, 7A Max, 50/60Hz	
Power supply	(2) Hot-Swappable AC/DC 550W PSU	
Max. power consumption	532W	
Max. PoE wattage per port by PSE	PoE 802.3af: 15.4W PoE+ 802.3at: 30W PoE++ 802.3bt: 60W	
Voltage range 802.3af mode	44 to 57V	
Voltage range 802.3at/bt mode	50 to 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
Mounting	Wall mount (included)	
ESD/EMP protection	Air: ± 8 kV, contact: ± 4 kV	
Operating temperature	-10 to 40° C (14 to 104° F)	
Operating humidity	5 - 95% noncondensing	
Certifications	CE, FCC, IC	

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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