

# Tech Specs

UniFi UISP Branding

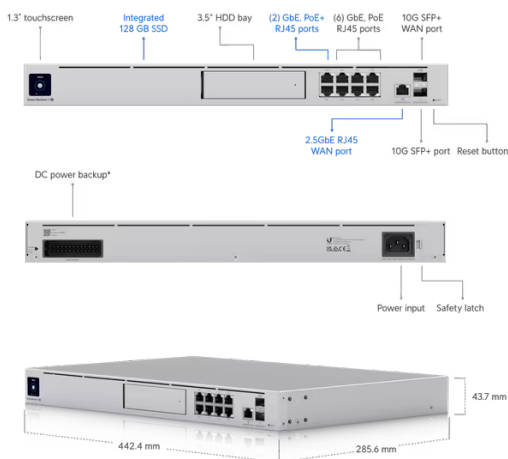
[UniFi Cloud Gateways](#) [WiFi](#) [Switching](#) [Cloud Keys & Gateways](#) [Camera Security](#) [Door Access](#) [Phone System](#) [New Integrations](#) [Accessories](#)

UniFi Cloud Gateways > [Dream Machine Special Edition](#)

[Datasheet](#)

[Installation Guide](#)

[Marketing Images](#)



## Mechanical

Dimensions	442.4 x 43.7 x 285.6 mm (17.4 x 1.7 x 11.2")
Weight	4.95 kg (10.9 lb)
Enclosure materials	Aluminium CNC, SGCC steel
Mount material	SGCC 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
Management interface	Ethernet Bluetooth
Networking interface	(8) LAN: GbE RJ45 ports (1) WAN: 2.5 GbE RJ45 port
SFP+ interface	(1) LAN: 10G SFP+ (1) WAN: 10G SFP+
PoE interface	(6) PoE (Pair A 1, 2+; 3, 6-) (2) PoE+ (Pair A 1, 2+; 3, 6-)
IDS/IPS throughput	3.5 Gbps* *Measured with iPerf3
Power method	(1) Universal AC input, 100—240V AC, 4.4A Max., 50/60 Hz (1) USP-RPS DC input, 52V DC, 3.94A
Power supply	AC/DC, internal, 240W
Supported voltage range	100—240V AC

Max. power consumption	50W (Excluding PoE output)
Max. PoE wattage per port by PSE	PoE: 15.4W PoE+: 30W
Voltage range PoE mode	PoE: 44—57V PoE+: 50—57V
ESD/EMP protection	Air: ± 15kV, contact: ± 8kV
LCM display	(1) 1.3" touchscreen
Button	Factory reset
Operating temperature	-10 to 40° C (14 to 104° F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

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## Gateway Features

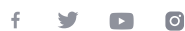
Performance	Redundant WAN with failover and load balancing WiFi QoS with UniFi APs Application, domain, and country-based QoS Application and device type identification Additional internet failover with LTE Backup Internet quality and outage reporting
Next-generation security	Application-aware firewall 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

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## LEDs

Ethernet	White: link/activity
SFP+	White: link/activity
HDD	White: disk activity Amber: disk error
RPS	Blue: ready

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