

UniFi UISP Branding

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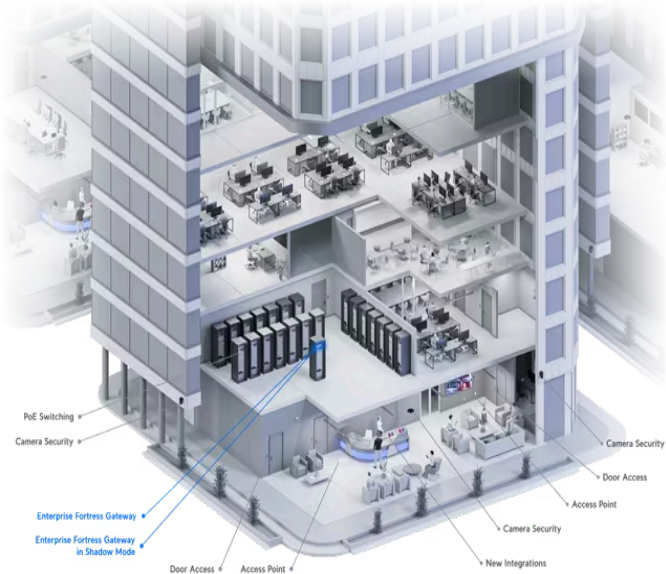
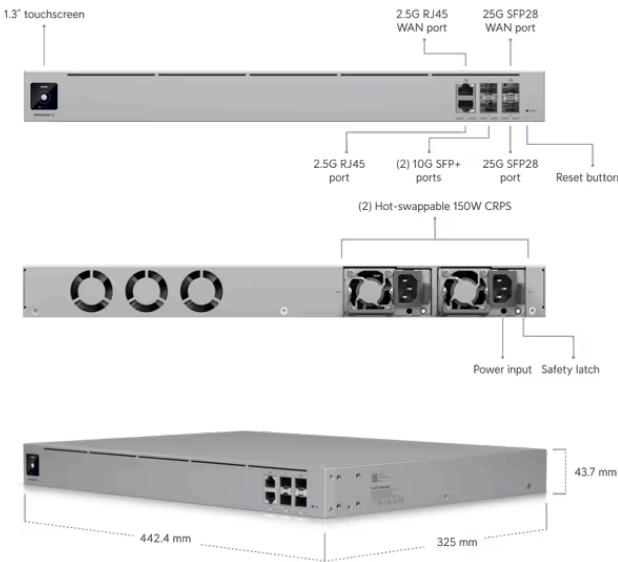
UniFi Cloud Gateways > [Enterprise Fortress Gateway](#)

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

Dimensions	442.4 x 43.7 x 325 mm (17.4 x 1.7 x 12.8")
Weight	6.5 kg (14.3 lb)
Enclosure material	Aluminium CNC, SGCC steel

Hardware

Processor	18-core ARM® v8.2 at 2 GHz
System memory	16 GB DDR4 DIMM
Management interface	Ethernet

Bluetooth

Networking interface

LAN:

- (1) 25G SFP28 port
- (2) 10G SFP+ ports
- (1) 2.5G RJ45 port

WAN:

- (1) 25G SFP28 port
- (1) 2.5G RJ45 port

Power method

(1) Universal AC input, 100—240V AC, 7A Max., 50/60 Hz

Power supply

(2) Hot-swappable 150W CRPS

Supported voltage range

100-240V AC

Max. power consumption

82W

ESD/EMP protection

Air: $\pm 8\text{kV}$, contact: $\pm 4\text{kV}$

LCM display

(1) 1.3" touchscreen

Button

Factory reset

Ambient operating temperature

0 to 40° C (22 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

Capacity

UniFi devices	500+
Client devices	5,000+
Concurrent sessions	1 million
New sessions / sec	71,000
SSL/TLS inspection concurrent sessions	10,000 Limiting to 5,000 concurrent sessions is recommended if the gateway is passing significant traffic. This can be achieved by restricting which VLANs and domains pass through NeXT AI Inspection, such as only including search engine and LLM queries on employee devices. Learn more.
IDS/IPS signatures	80,000+ With Enhanced Threat Updates. Learn more.

Routing Throughput

Firewall	23.5 Gbps
IDS/IPS	12.5 Gbps

Measured with iPerf3 on DHCP WAN. Performance may be reduced with PPPoE depending on ISP implementation.

VPN Server Single User Throughput

UniFi Identity	1.2 Gbps
Teleport	1.2 Gbps
WireGuard	1.2 Gbps
OpenVPN	210 Mbps
L2TP	280 Mbps

Measured with iPerf3.

Site-to-Site VPN Single Tunnel Throughput

Site Magic	1.1 Gbps
OpenVPN	120 Mbps
IPsec	580 Mbps

Measured with iPerf3.

VPN Client Single Tunnel Throughput

WireGuard	980 Mbps
OpenVPN	180 Mbps

Measured with iPerf3.

LEDs

Ethernet	White: Link/activity
SFP+	White: Link/activity
CRPS	Off: No AC power present Steady white: AC power and DC output active Flashing white: AC power present Steady red: AC power lost/failure events Flashing red: Warning events

Software

Mobile app	UniFi iOS™: Version 10.16.2 and later UniFi Android™: Version 10.17.2 and later
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