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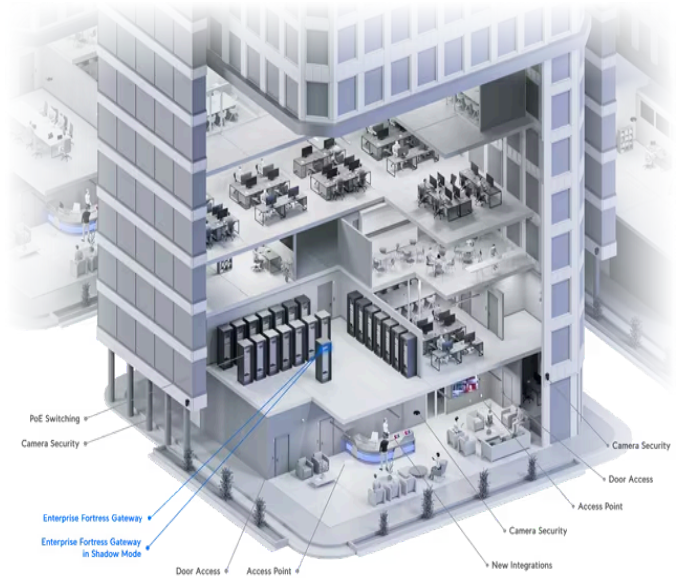
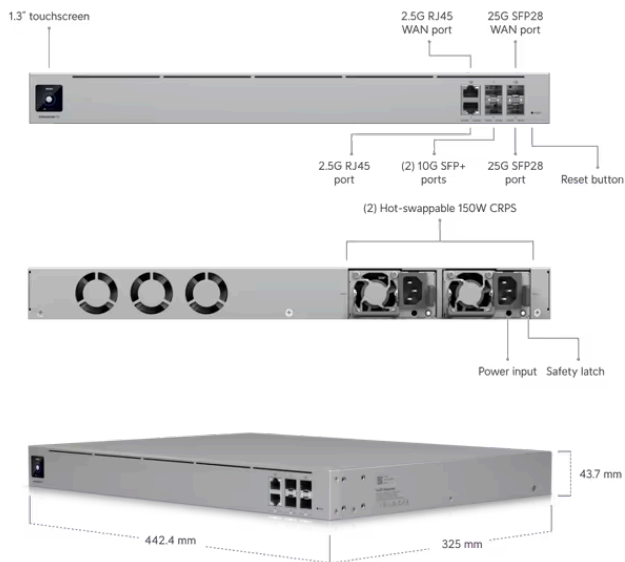
UniFi Cloud Gateways > [Enterprise Fortress Gateway](#)

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: ± 8kV, contact: ± 4kV

**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

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## Capacity

<b>UniFi devices</b>	500+
<b>Client devices</b>	5,000+
<b>Concurrent sessions</b>	1 million
<b>New sessions / sec</b>	71,000
<b>SSL/TLS inspection concurrent sessions</b>	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. <a href="#">Learn more.</a>
<b>IDS/IPS signatures</b>	80,000+ With Enhanced Threat Updates. <a href="#">Learn more.</a>

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## Routing Throughput

<b>Firewall</b>	23.5 Gbps
<b>IDS/IPS</b>	12.5 Gbps

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

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## VPN Server Single User Throughput

<b>UniFi Identity</b>	1.2 Gbps
<b>Teleport</b>	1.2 Gbps
<b>WireGuard</b>	1.2 Gbps
<b>OpenVPN</b>	210 Mbps
<b>L2TP</b>	280 Mbps

Measured with iPerf3.

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## Site-to-Site VPN Single Tunnel Throughput

<b>Site Magic</b>	1.1 Gbps
<b>OpenVPN</b>	120 Mbps
<b>IPsec</b>	580 Mbps

Measured with iPerf3.

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## VPN Client Single Tunnel Throughput

<b>WireGuard</b>	980 Mbps
<b>OpenVPN</b>	180 Mbps

Measured with iPerf3.

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## LEDs

<b>Ethernet</b>	White: Link/activity
<b>SFP+</b>	White: Link/activity
<b>CRPS</b>	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

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## Software

<b>Mobile app</b>	UniFi iOS™: Version 10.16.2 and later UniFi Android™: Version 10.17.2 and later
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