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Gateway Enterprise

UXG-Enterprise

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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) 2.5 GbE RJ45 port WAN: (1) 25G SFP28 port (1) 2.5 GbE 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 SSL/TLS inspection with NEXT AI* *When paired with CloudKey Enterprise or Official UniFi Hosting.
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 Enterprise VPN** Policy-based WAN and VPN routing DHCP relay Customizable DHCP server IGMP proxy IPv6 ISP support *When paired with a CloudKey or Official UniFi Hosting. **When paired with a CloudKey.

Capacity	
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
SFP28 ports	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	
UniFi Network	Version 8.3.32 and later
Mobile app	UniFi iOS™: Version 10.16.2 and later UniFi Android™: Version 10.17.2 and later

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