

UniFiUISPBranding

Q

enterprise firewall core

sSwitchingWiFiPhysical SecurityDoor AccessIntegrationsAdvanced Hosting

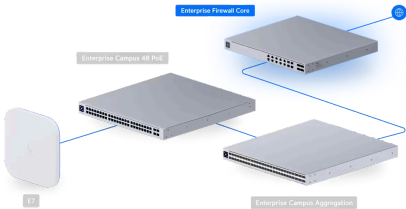
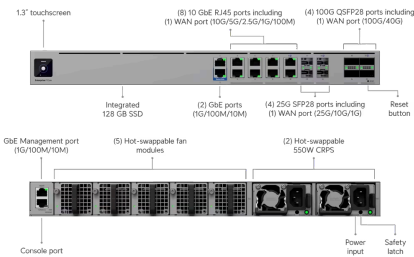
Enterprise Scale > Enterprise Firewall Core



Enterprise Firewall Core

EF-Core

- Datasheet
- In The Box
- Marketing Images
- Accessories
- Installation Guide



Overview

Dimensions	442.4 x 43.7 x 400 mm (17.4 x 1.7 x 15.8")
UniFi Application Suite	
Network ⓘ	✓
Managed UniFi Devices	2,250+
Simultaneous Users Connected	22,500+ ⓘ
Max. WAN Port Count	8
Default WAN Ports	(1) 100G QSFP28 (1) 25G SFP28 (1) 10 GbE RJ45

Port Layout

1 GbE RJ45	2 (1G/100M/10M)
10 GbE RJ45	8 (10G/5G/2.5G/1G/100M)
25G SFP28	4 (25G/10G/1G)
100G QSFP28	4 (100G/40G)
MGMT	1 (1G/100M/10M)
Console	1

IDS/IPS Throughput	79 Gbps
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Capacity

SSL/TLS Inspection Concurrent Sessions	10,000
Concurrent Sessions	10 Million
New Sessions / Second	120,000

Form Factor	Rack mount (1U)
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Redundancy	Shadow Mode (VRRP) Gateway Failover (2) Hot-Swappable PSUs
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^ **Security**

Stateful Firewall	✓
Application-Aware Layer 7 Firewall	✓
SSL Inspection & URL Filtering	✓
DPI & Traffic Identification	✓
Zone-Based Firewall Advanced Filtering (Regions, Domains, Apps)	✓
Content Filtering	✓
Intrusion Prevention (IPS/IDS)	✓

Ad Blocking	✓
IDS/IPS Signatures	95,000+ with CyberSecure Enterprise
^ VPN & SD-WAN	
License-Free SD-WAN	✓
Site-to-Site VPN	
Site Magic	✓
IPsec	✓
OpenVPN	✓
VPN Server	
Identity Endpoint One-Click VPN	✓
Teleport Zero-Configuration VPN	✓
WireGuard	✓
OpenVPN	✓
L2TP	✓
VPN Client	
OpenVPN	✓
WireGuard	✓
^ Networking	
Multi-WAN Load Balancing	✓
Shadow Mode (VRRP) High Availability	✓
LACP Port Aggregation	✓
Dynamic Routing	
OSPF	✓
BGP	✓
Advanced QoS	✓
Multicast DNS (mDNS)	✓

Advanced NAT (SNAT / DNAT / Masquerade / NAT Pooling / 1-to-1 NAT)	✓
Integrated RADIUS Server	✓
RADIUS over TLS (RadSec)	✓
Additional Internet Failover with UniFi LTE Backup	✓
Internet Quality and Outage Reporting	✓
MAC Address Table Size	130,000
Policy-based WAN and VPN Routing	✓
Customizable DHCP Server	✓
IPv6 ISP Support	✓
IGMP Proxy	✓
All Traffic Flows	✓

^ **Hardware**

Max. Power Consumption	171W
Power Method	Universal AC input, 100-240V AC, 7.5A Max., 50/60 Hz
Power Supply	(2) Hot-Swappable AC/DC 550W PSU
Supported Voltage Range	100-240V AC
Heat Dissipation	585 BTU/hr
Processor	24-core ARM® v9 at 2.5 GHz
System Memory	32 GB
On-board Storage	Integrated 128 GB SSD
Weight	7.85 kg (17.31 lb)
Enclosure Material	Aluminium CNC, SGCC steel
LCM Display	1.3" touchscreen
Management	Ethernet Bluetooth
LEDs	

Ethernet	✓
SFP28	✓
QSFP28	✓
Swappable Fan	✓
CRPS	✓
Button	(1) Factory reset
ESD/EMP Protection	Air: ± 8kV, contact: ± 4kV
Ambient Operating Temperature	0 to 40° C (32 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓
Certifications	CE, FCC, IC

^ **Software**

Application Requirements

Mobile App	UniFi iOS™: Version 10.35.0 and later UniFi Android™: Version 10.38.1 and later
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