

Overview

Dimensions110 x 110 x 250 mm
(4.3 x 4.3 x 9.8")

UniFi Application Suite

Network		✓
Protect		✓
Access		✓
Talk		✓
Connect		✓

Managed UniFi Devices30+

Managed Cameras(5) HD
(2) 2K
(1) 4K

Simultaneous Users Connected300+

Max. WAN Port Count4

Default WAN Ports(1) 10G SFP+
(1) 2.5 GbE RJ45

Port Layout

2.5 GbE RJ45	4 (1 PoE) (2.5G/1G/100M)
10G SFP+	1 (10G/1G)

IDS/IPS Throughput2.3 Gbps

Form FactorDesktop

Coverage Area160 m² (1,750 ft²)

^ Security

Stateful Firewall	✓
Application-Aware Layer 7 Firewall	✓
DPI & Traffic Identification	✓
Zone-Based Firewall Advanced Filtering (Regions, Domains, Apps)	✓
Content Filtering	✓
Intrusion Prevention (IPS/IDS)	✓
Ad Blocking	✓
IDS/IPS Signatures	20,000+ with CyberSecure

^ VPN & SD-WAN

License-Free SD-WAN	✓
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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	✓
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└ WireGuard	✓
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Site-to-Site VPN Single Tunnel Throughput

└ Site Magic	20
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VPN Client Single Tunnel Throughput

└ WireGuard	8
└ OpenVPN	8

^ **Networking**

Multi-WAN Load Balancing	✓
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Dynamic Routing

└ OSPF	✓
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Advanced QoS	✓
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Multicast DNS (mDNS)	✓
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Advanced NAT (SNAT / DNAT / Masquerade / NAT Pooling / 1-to-1 NAT)	✓
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Integrated RADIUS Server	✓
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RADIUS over TLS (RadSec)	✓
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Additional Internet Failover with UniFi LTE Backup	✓
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Internet Quality and Outage Reporting	✓
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MAC Address Table Size	2,000
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Virtual Network Override	✓
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All Traffic Flows	—	i
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^ **Integrated WiFi**

WiFi Standard	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
Throughput	
6 GHz	5.7 Gbps
5 GHz	4.3 Gbps
2.4 GHz	688 Mbps
MIMO	
6 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
2.4 GHz	2 x 2 (DL/UL MU-MIMO)
Antenna Gain	
6 GHz	8 dBi
5 GHz	5 dBi
2.4 GHz	4 dBi
Max. TX Power	
6 GHz	22 dBm
5 GHz	26 dBm
2.4 GHz	23 dBm
Wireless Security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
Max. BSSIDs	4 per Radio
Supported Data Rates	
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)
802.11ax (WiFi 6/6E)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15 , HT 20/40)
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps

^ Cellular

5G NR

Category	5G NR Sub-6
Frequency Bands	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, n77, n78, n79
Max. TX Power	HPUE power class 2: 26 dBm

4G LTE

Frequency Bands	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B18, B19, B20, B21, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71
Max. TX Power	HPUE power class 2: 25 dBm

3G UMTS

Frequency Bands	B1, B2, B4, B5, B8, B19
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Peak Data Speed

5G NSA	Downlink 3.4 Gbps Uplink 560 Mbps	i
5G SA	Downlink 1.8 Gbps Uplink 650 Mbps	

4G LTE	Downlink 1.6 Gbps Uplink 210 Mbps	
Antenna Gain	617-960 MHz: 3 dBi 1710-2700 MHz: 7 dBi 3300-5000 MHz: 8 dBi 5150~5925 MHz: 8 dBi	
SIM	(2) Nano SIM (1) Nano-SIM or eSIM	i
^ Hardware		
NVR Storage	Pre-installed 64 GB microSD for NVR	
Expansion Slot	MicroSD Card	i
PoE Budget	15.4W	
Max. PoE Wattage per Port by PSE		
PoE	15.4W	
Voltage Range PoE Mode	44-57V	
Max. Power Consumption	34.5W (Excluding PoE output)	
Power Method	DC jack (54V DC/1.1A)	
Power Supply	54V DC/1.1A (Adapter included)	
Supported Voltage Range	100—240V AC	
Heat Dissipation	115 BTU/hr (Excluding PoE output)	
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz	
System Memory	3 GB	
Weight	1.4 kg (3.1 lb)	
Enclosure Material	Polycarbonate	
LCM Display	4.7" touchscreen	

Management	Ethernet Bluetooth
LEDs	
— Ethernet	✓
— SFP+	✓
— System	✓
Button	(1) Factory-reset
ESD/EMP Protection	Air: ± 8kV, contact: ± 4kV
Ambient Operating Temperature	0 to 40° C (22 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓
Certifications	FCC, IC, CE, GCF, PTCRB, AT&T, T-Mobile, Verizon, Wi-Fi Alliance®