

Overview

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

UniFi Application Suite

Network ✓

Protect ✓

Access ✓

Talk ✓

Connect ✓

Managed UniFi Devices 30+

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

Simultaneous Users Connected 300+

Max. WAN Port Count 4

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 Throughput 2.3 Gbps

Form Factor Desktop

Coverage Area 160 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 ✓

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 ✓

Site-to-Site VPN Single Tunnel Throughput

Site Magic	20
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VPN Client Single Tunnel Throughput

WireGuard	8
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OpenVPN	8
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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	—
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Integrated WiFi

WiFi Standard	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
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Throughput

6 GHz	5.7 Gbps
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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

Peak Data Speed

5G NSA Downlink 3.4 Gbps
Uplink 560 Mbps

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

Hardware

NVR Storage	Pre-installed 64 GB microSD for NVR
Expansion Slot	MicroSD Card
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: $\pm 8\text{kV}$, contact: $\pm 4\text{kV}$
Ambient Operating Temperature	0 to 40° C (32 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing
Certifications	CE, PTCRB, GCF, Wi-Fi Alliance®

Software

Application Requirements

Mobile App	UniFi iOS™: Version 10.33.0 and later UniFi Android™: Version 10.36.1 and later
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