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UniFi Express 7 UX7

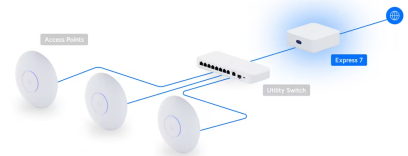
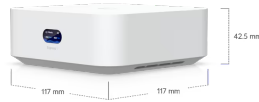
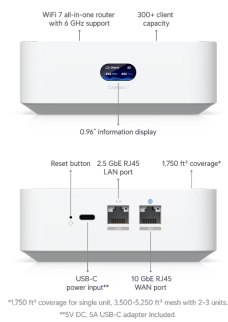
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[^ Overview](#)

Dimensions	117 x 117 x 42.5 mm (4.61 x 4.61 x 1.67")
UniFi Application Suite	
Network ⓘ	✓
Managed UniFi Devices	30+
Simultaneous Users Connected	300+
Max. WAN Port Count	1
Default WAN Ports	(1) 10 GbE RJ45
Port Layout	
2.5 GbE RJ45	1 (2.5G/1G/100M/10M)
10 GbE RJ45	1 (10G/5G/2.5G/1G/100M)
IDS/IPS Throughput	2.3 Gbps
Form Factor	Compact desktop
Coverage Area	160 m ² (1,750 ft ²)
^ 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
VLAN/Subnet-based Traffic Segmentation	✓

^ **VPN & SD-WAN**

License-Free SD-WAN	✓
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Site-to-Site VPN

Site Magic	✓
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IPsec	✓
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OpenVPN	✓
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VPN Server

Identity Endpoint One-Click VPN	✓
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Teleport Zero-Configuration VPN	✓
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WireGuard	✓
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OpenVPN	✓
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L2TP	✓
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VPN Client

OpenVPN	✓
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WireGuard	✓
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^ Networking

Dynamic Routing

OSPF ✓

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 ✓

Policy-based WAN and VPN Routing ✓

Customizable DHCP Server ✓

IPv6 ISP Support ✓

IGMP Proxy ✓

Virtual Network Override ✓

^ 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	6 dBi
5 GHz	7 dBi
2.4 GHz	4 dBi
Max. TX Power	
6 GHz	24 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 (Gateway Mode) 4 per Radio (AP Mode)
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

^ Hardware

Max. Power Consumption

22W

Power Method

USB type C (5V DC/5A)

Power Supply

USB type C (5V DC/5A)
(Adapter included)

Supported Voltage Range

100–240V AC

Heat Dissipation

75 BTU/hr

Processor

Quad-core ARM® Cortex®-A53 at 1.5 GHz

System Memory

3 GB

Weight

443 g (1 lb)

Enclosure Material

Polycarbonate

LCM Display

0.96" status display

Management

Ethernet
Bluetooth

LEDs

Ethernet

✓

Button

(1) Factory reset

ESD/EMP Protection

Air: ± 8kV, contact: ± 4kV

Ambient Operating Temperature

-10 to 40° C (14 to 104° F)

Ambient Operating Humidity

5 to 95% noncondensing

NDAA Compliant

✓

Certifications

CE, FCC, IC, Anatel: 06656-25-08356

^ Software

VLAN

802.1Q

Guest Traffic Isolation

✓

Application Requirements

UniFi Network

Version 9.0.108 and later

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