



UniFi Express 7

Specifications	
Dimensions	117 x 117 x 42.5 mm
Form Factor	Compact desktop
UniFi Application Suite	Network: Yes
Managed UniFi Devices	30
Simultaneous Users Connected	300
Default WAN Ports	(1) 10 GbE RJ45
LAN Ports	(1) 2.5 GbE RJ45
IDS/IPS Throughput	2.3 Gbps
Security	
Stateful Firewall	Yes
Application-Aware Layer 7 Firewall	Yes
DPI & Traffic Identification	Yes
Zone-Based Firewall (Regions, Domains, Apps)	Yes
Content Filtering	Yes
Intrusion Prevention (IPS/IDS)	Yes
Ad Blocking	Yes
IDS/IPS Signatures	20,000+ with CyberSecure
VLAN/Subnet-based Traffic Segmentation	Yes
VPN & SD-WAN	
License-Free SD-WAN	Yes
Site-to-Site VPN (Site Magic)	Yes
IPsec	Yes
OpenVPN	Yes
VPN Client	OpenVPN, WireGuard



Datasheet

Networking

Dynamic Routing (OSPF)	Yes
Advanced QoS	Yes
Multicast DNS (mDNS)	Yes
Advanced NAT	Yes
Integrated RADIUS Server	Yes
RADIUS over TLS (RadSec)	Yes
Additional Internet Failover (LTE Backup)	Yes
Internet Quality and Outage Reporting	Yes
Policy-based WAN and VPN Routing	Yes
Customizable DHCP Server	Yes
IPv6 ISP Support	Yes
IGMP Proxy	Yes

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: 2x2, 5 GHz: 2x2, 2.4 GHz: 2x2 (DL/UL MU-MIMO)
Antenna Gain	6 GHz: 6 dBi, 5 GHz: 7 dBi, 2.4 GHz: 4 dBi

Hardware

Max. Power Consumption	22W
Power Method	USB Type-C (5V DC/5A)
Power Supply	USB Type-C (5V DC/5A) (Adapter included)
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz
System Memory	3 GB
Weight	422 g (14.9 oz)
Enclosure Material	Polycarbonate
LCM Display	0.96" status display

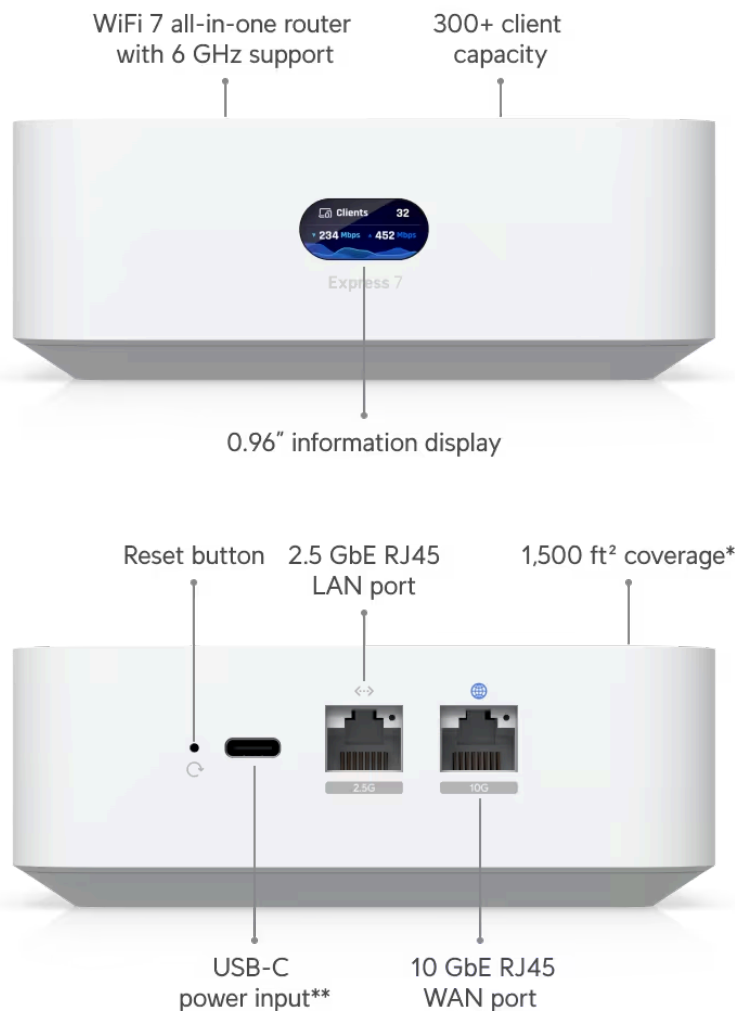
Management

Ethernet	Yes
Bluetooth	Yes



Datasheet

LEDs (Ethernet)	Yes
ESD/EMP Protection	Air: $\pm 8\text{kV}$, Contact: $\pm 4\text{kV}$
Ambient Operating Temperature	-10 to 40°C (14 to 104°F)
Ambient Operating Humidity	5 to 95% non-condensing
Certifications	CE, FCC, IC
Button	(1) Factory-reset
Software	
VLAN	802.1Q
Guest Traffic Isolation	Yes
Application Requirements	UniFi Network Version 9.0.108 and later



*1,500 ft² coverage for single unit, 3000-4500 ft² mesh mesh with 2-3 units.

**5V DC, 5A USB-C adapter included.