

Search UniFi products

Switching

WiFi

Camera Security

Door Access

Integrations

Advanced Hosting

WiFi Integrated > Dream Router 5G Max

North America

Worldwide



Dream Router 5G Max

UDR-5G-Max-EU

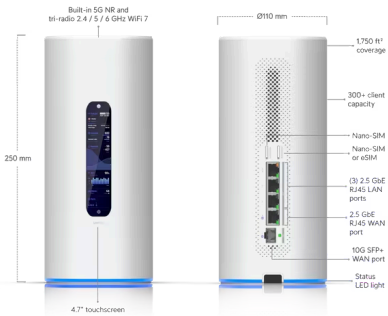
Datasheet

In The Box

Marketing Images

Accessories

Installation Guide



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 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

^ **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
VPN Client Single Tunnel Throughput	
WireGuard	8
OpenVPN	8
^ Networking	
Multi-WAN Load Balancing	✓
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	✓
MAC Address Table Size	2,000

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	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: ± 8kV, contact: ± 4kV
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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