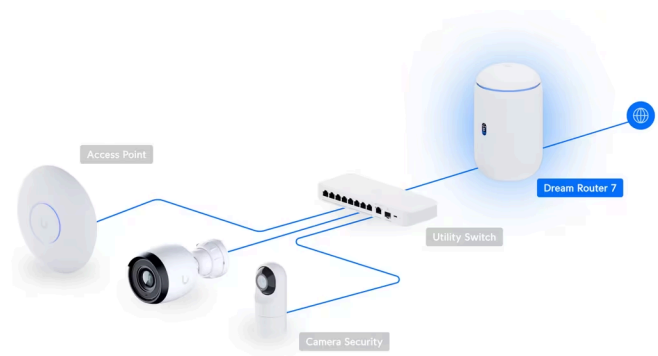


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WiFi Integrated > Dream Router 7

- Datasheet
- In The Box
- Marketing Images
- Installation Guide



*64 GB pre-installed microSD.

Overview

Dimensions	Ø110 x 184.1 mm (Ø4.3 x 7.3")
UniFi Application Suite	
Network	✓
Protect	✓
Access	✓
Talk	✓
Connect	✓
Managed UniFi Devices	30+
Managed Cameras	(5) HD (2) 2K (1) 4K
Simultaneous Users Connected	300+
Default WAN Ports	(1) 10G SFP+ (1) 2.5 GbE RJ45
LAN Ports	(3) 2.5 GbE RJ45 including (1) PoE
IDS/IPS Throughput	2.3 Gbps

Form Factor Compact desktop

^ **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 ✓

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	✓

^ **Networking**

Multi-WAN Load Balancing ✓

Dynamic Routing

— OSPF	✓
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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
Policy-based WAN and VPN Routing	✓
Customizable DHCP Server	✓
IPv6 ISP Support	✓
IGMP Proxy	✓

^ 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	5 dBi

Wireless Security WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)

Max. BSSIDs 4 per Radio

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6/6E)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)

^ Hardware

NVR Storage Pre-installed 64GB microSD for NVR

Expansion Slot MicroSD Card

PoE Budget 15.4W

Max. PoE Wattage per Port by PSE

PoE	15.4W
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Voltage Range PoE Mode 44-57V

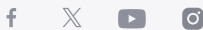
Max. Power Consumption 26W (Excluding PoE output)

Power Method	Universal AC input, 100-240VAC, 1.5A Max, 50/60 Hz
Power Supply	AC/DC, Internal, 50W
Max. TX Power	
└ 6 GHz	24 dBm
└ 5 GHz	26 dBm
└ 2.4 GHz	23 dBm
Supported Voltage Range	100-240V AC
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz
System Memory	3 GB
Weight	1.1 kg (2.4 lb)
Enclosure Material	Polycarbonate
LCM Display	0.96" status display
Management	Ethernet Bluetooth
LEDs	
└ System	✓
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
Certifications	CE, FCC, IC
Button	(1) Factory-reset

^ Software

VLAN	802.1Q
Guest Traffic Isolation	✓
Application Requirements	
└ UniFi Network	Version 9.0.108 and later

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