



Dream Router 7

UDR7



*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 |

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| 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 | ✓ |
| 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**

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

^ **Integrated WiFi**

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|---------------|--|
| 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) |

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| Antenna Gain | |
| 6 GHz | 6 dBi |
| 5 GHz | 7 dBi |
| 2.4 GHz | 5 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 |
| 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 |
| 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 |

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|-------------------------------|---------------------------------------|
| Power Supply | AC/DC, Internal, 50W |
| 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 | ✓ |
| 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 |
| Certifications | CE, FCC, IC |
| NDAA Compliant | ✓ |
| ^ Software | |
| VLAN | 802.1Q |
| Guest Traffic Isolation | ✓ |
| Application Requirements | |
| UniFi Network | Version 9.0.108 and later |