

UniFi UISP Branding

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Search UniFi products

Switching WiFi Camera Security Door Access CloudKeys & Gateways Power Tech Inte

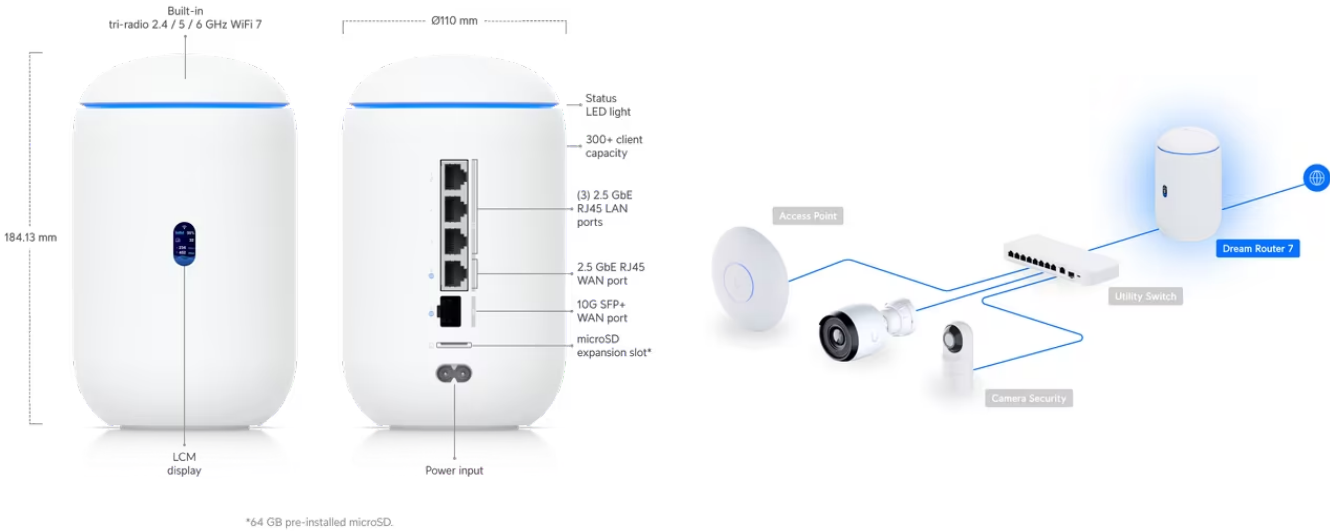
WiFi Integrated > [Dream Router 7](#)

Datasheet

In The Box

Marketing Images

Installation Guide



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	✓
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

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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