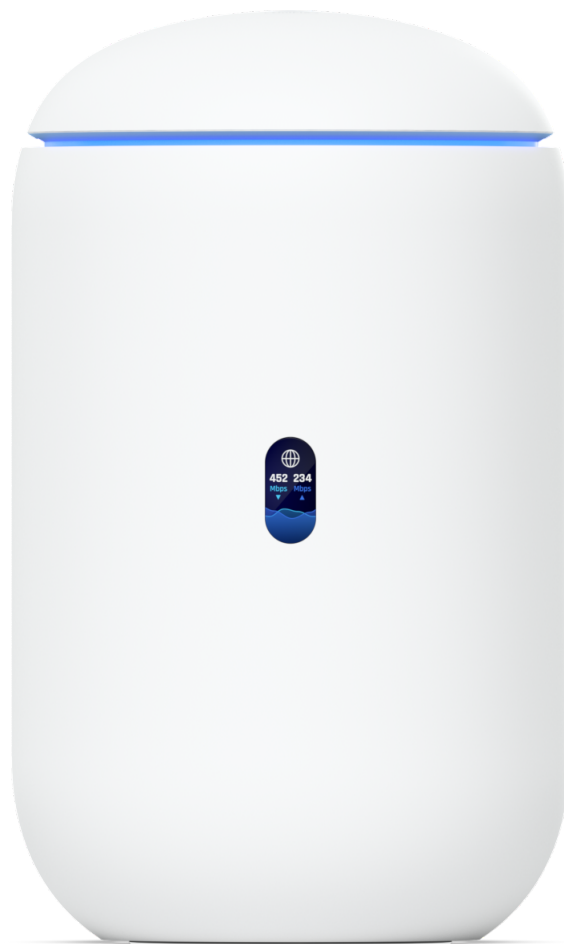


## Dream Router



## Mechanical

Dimensions	Ø110 x 184.1 mm (Ø4.3 x 7.3")
Weight	1.2 kg (2.5 lb)
Enclosure material	Polycarbonate

## Hardware

Processor	Dual-core Arm® Cortex® A53 at 1.35 GHz	
System memory	2 GB	
Expansion slot	Micro SD memory card* <small>*Requires a memory card with at least 128 GB of storage.</small>	
Management interface	Ethernet Bluetooth	
Networking interface	LAN: (4) GbE RJ45 ports WAN: (1) GbE RJ45 port	
PoE interface	(2) PoE (Pair B 4, 5+; 7, 8-)	
Power method	Universal AC input, 100–240V AC, 1.1A Max., 50/60 Hz	
Power supply	AC/DC, internal, 50W	
Supported voltage range	100–240V DC	
Max. power consumption	19.37W (Excluding PoE output)	
PoE budget	40W	
Max. PoE wattage per port by PSE	15.4W	
Voltage range PoE mode	44–57V DC	
Max. TX power	2.4 GHz	26 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	4 x 4
	5 GHz	4 x 4
Throughput rate	2.4 GHz	600 Mbps
	5 GHz	2.4 Gbps
Antenna gain	2.4 GHz	3.4 dBi
	5 GHz	4.3 dBi
Antenna	(1) Internal, dual-band, quad-polarity antenna	
LCM display	(1) 0.96" screen	
Button	Factory reset	
LEDs	White/blue	
Operating temperature	-10 to 45° C (14 to 113° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	



## Software

WiFi standards	802.11a/b/g/n/ac/ax
Wireless security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+

## 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 (WiFi 4)	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)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

