Dream Router

All-in-one WiFi 6 router with a 3 Gbps aggregate throughput rate.

The Dream Router (UDR) is a next-generation WiFi 6 router that delivers unbeatable performance at an unmatched price. Featuring advanced 4x4 MU-MIMO and OFDMA technology, the UDR has an aggregate wireless throughput rate of up to 3 Gbps over its 2.4 and 5 GHz bands, ensuring quality connectivity for all of your devices. The UDR also has (5) GbE RJ45 ports, including two that supply PoE to compatible devices, and all of its connections can be conveniently monitored from the router's LCM color screen. Designed to be a comprehensive, easy-to-use network hub, the UDR can be set up and configured in minutes via the UniFi Network web application or mobile app.

Mechanical

Dimensions	Ø110 x 184.13 mm (Ø4.33 x 7.25")
Weight	1.15 kg (2.54 lb)
Enclosure material	Polycarbonate

Hardware

Processor specs	Dual-Core® Cortex® A53 at 1.35 GHz	
System memory	2 GB	
Expansion slot	Micro SD memory card* (optional) *Requires a memory card with at least 128 GB of storage.	
Management interface	Ethernet Bluetooth	
Networking interfaces	(1) WAN: 1 GbE RJ45 port (4) LAN: 1 GbE RJ45 ports	
PoE interfaces	(2) PoE IEEE 802.3af	
LCM display	Start-up animation: start-up in progress Firmware update icon: firmware updating	
Button	Factory-reset	
LED	White/blue	
Power method	Universal AC input, 100-240VAC, 1.1A Max, 50/60 Hz	
Power supply	AC/DC, Internal, 50W	
Supported voltage range	100 to 240VDC	
Max. power consumption (excluding PoE output)	19.37W	
PoE budget	32W	
Max. PoE wattage per port by PSE	15.4W	
Voltage range 802.3af mode	44 to 57VDC	
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	(1) Internal, dual-band, quad-polarity antenna	

Antenna gain		
	2.4 GHz	3.4 dBi
	5 GHz	4.3 dBi

Operating temperature	-10 to 45° C (14 to 113° F)
Operating humidity	5 - 95% noncondensing
Certifications	CE, FCC, IC

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
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)