

Dual-band 1200Mbps Mesh Router

802.11ac/b/g/n

Model: WD-ME5



KEY FEATURES

- The next generation Whole-Home Mesh Wi-Fi System.
- Support 802.11ac Wave2 MU-MIMO + Beamforming Technology.
- Universally complies with IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g and IEEE 802.11b standards.
- WLAN 802.11ac for wireless high-speed access up to 1200Mbps, ideal for video streaming, online gaming and Internet calling.
- Easy one-touch Mesh establishing with Mrsh button.
- User interface supports free WEB software updates.

Specifications

Chipset	Realtek 8197F+RTL8812
Standard&Protocol	IEEE802.11a/b/g/n/ac ; IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Interface	3* 10/100Mbps LAN
Wireless Speed	11n : 300mbps; 11ac: 866mbps
Frequency Range	11n: 2.412~2.484 ghz ; 11ac: 5.15~5.25 ghz, 5.725~5.850ghz
Wireless Transmit Power	20dBm(MAX EIRP)
Antenna	4* 2dBi high performance internal antennas
Work Mode	Router / AP
Wireless Security	WPA-PSK/WPA2-PSK (TKIP/AES)
Temperature Range	Operating: 0°C to 40°C, Storage: -40°C to 90°C
Humidity	Operating: 5% to 95% (non-condensing), Storage: Max. 90% (non-condensing)
Dimensions (H x W x D)	96 x 96 x 72 mm

RF Performance Table for 2.4GHz and 5.8GHz

	Data Rate	TX Power	Tolerance
2.4GHz 802.11b	1Mbps	16dBm	±2dB
	11Mbps	16dBm	±2dB
2.4GHz 802.11g	6Mbps	15dBm	±2dB
	54Mbps	13dBm	±2dB
2.4GHz 802.11n 20MHz	MCS0	14dBm	±2dB
	MCS7	13dBm	±2dB
	MCS8	13dBm	±2dB
2.4GHz 802.11n 40MHz	MCS0	14dBm	±2dB
	MCS9	13dBm	±2dB
5.8GHz 11a	6M	16 dBm	±2dB
	54M	15 dBm	±2dB
5.8GHz 11ac 80MHz	MCS0	15 dBm	±2dB
	MCS9	14 dBm	±2dB

	Data Rate	RX Specifications Sensitivity	Tolerance
2.4GHz 802.11b	1Mbps	-95dBm	±2dB
	11Mbps	-90dBm	±2dB
2.4GHz 802.11g	6Mbps	-92dBm	±2dB
	54Mbps	-72dBm	±2dB
2.4GHz 802.11n 20MHz	MCS0	-92dBm	±2dB
	MCS7	-72dBm	±2dB
	MCS8	-70dBm	±2dB
2.4GHz 802.11n 40MHz	MCS0	-89dBm	±2dB
	MCS7	-65dBm	±2dB
5.8GHz 11a	6Mbps	-92dBm	±2dB
	54Mbps	-72dBm	±2dB
5.8GHz 11ac 80MHz	MSC0	-87dBm	±2dB
	MCS9	-62dBm	±2dB

Dimensional Drawing

