

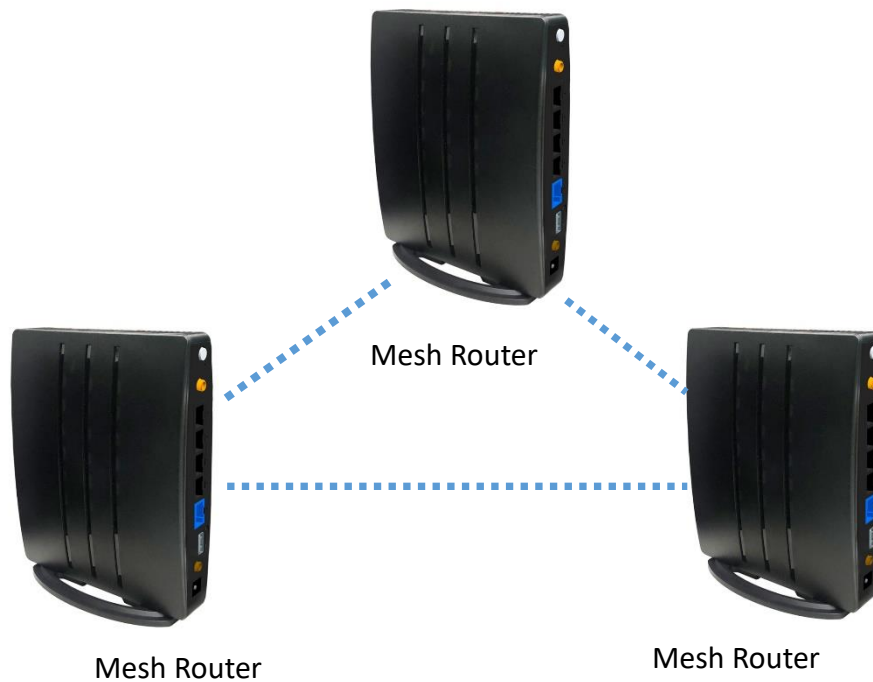


**MK-559**

# Mesh WiFi Router

MK-559 is using MT7621A+MT7615N+MT7603E of MediaTek Mesh solution and work together creating one reliably strong and fast Wi-Fi system to cover whole home. It just using one network name and you can roam on any mesh device without switch by manual.

# Scenario



# Features

- 2T2R 802.11n 2.4GHz WiFi speed up to 400Mbps data rates.
- 4T4R 802.11ac wave-2 5GHz WiFi speed up to 1733Mbps data rates
- Supports WEB based management and configuration.
- Compatible with IEEE 802.11b/g/n/a/ac wave-2 specifications.
- Supports WPA-PSK, WPA2-PSK encryption.
- Supports WPS (Wi-Fi Protected Setup).
- Supports DHCP client, static IP, PPPoE of WAN Interface.
- Supports DHCP server to provide clients auto IP addresses assignment and static DHCP functions.
- Supports Gigabit Ethernet (10M/100M/1000M).
- Supports MU-MIMO
- Supports OpenWRT Linux distribution

# Specification

Model	MK-559
Product Name	AC2100 Mesh GE Router
Standard	IEEE 802.11ac/b/g/n, IEEE 802.3/802.3u/802.3ab
Data Transfer Rate	2133M(1733+400)bps
Modulation Method	CCK,DQPSK,DBPSK,BPSK,QPSK,16QAM,64QAM,256QAM
Frequency Band	2.4GHz and 5GHz ISM Band
RF Output Power (tolerance $\pm 2$ dBm)	16dBm – 802.11b@11Mbps 14dBm – 802.11g@54Mbps 14dBm – 802.11gn HT20@MCS7 14dBm – 802.11gn HT40@MCS7 14dBm – 802.11a@54Mbps 14dBm – 802.11an HT20@MCS7 14dBm – 802.11an HT40@MCS7 12dBm – 802.11ac VHT80@MCS9
Receiver Sensitivity	-80dBm – 802.11b@11Mbps -70dBm – 802.11g@54Mbps -68dBm – 802.11gn HT20@MCS7 -66dBm – 802.11gn HT40@MCS7 -70dBm – 802.11a@54Mbps -68dBm – 802.11an HT20@MCS7 -66dBm – 802.11an HT40@MCS7 -54dBm – 802.11ac VHT80@MCS9
Antenna	Internal Antenna
LED	WPS, POWER, 2.4G, 5G
Security	WEP64/128, WPA, WPA2
Interface	5 x 10/100/1000 BaseT with RJ45 port (LAN x 4 + WAN x 1)
Power supply	DC 12V / 1A
Operating temperature	0 ~ 40° C ambient temperature
Storage temperature	-10 ~ 70°C ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	176 (L) * 138 (W) * 60 (H) mm

Specifications are subject to change without notice.



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