

Wireless

2.4G & 5G | 802.11a/b/g/n/ac Compatible | 802.11ac 2T2R

WAP-5922 Wireless Extender



WAP-5922 is a 2-in-1 device that can function as a Wi-Fi Extender or Access Point depending on your home Wi-Fi requirements. This device features 802.11ac supercharged speed, ideal for supporting HD streaming video, online gaming, and other bandwidth-intensive activities on multiple devices simultaneously. Just plug and play, you can set up a hassle-free wireless network within minutes with WAP-5922.

Additionally, WAP-5922 has a built-in roaming feature that supports a seamless connection while you move around your home*. With more than one WAP-5922 repeater installed in your property, the two repeaters can automatically detect and switch your device to the best available Wi-Fi signal; you can enjoy Wi-Fi and move freely in the property without signal drops or switching between SSIDs (network name).



Self-Configuration*

Devices discovering and auto-voting the Master/Slave.



Self-Healing*

Dynamic Mesh topology to continuously deliver optimal performance.



Self-Optimizing*

Enterprise-class network optimizing algorithm.



Adaptive Roaming*

Continuously learning and adapting.



*Available with more than ONE WAP-5922 repeater in a property.

WAP-5922

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- Supports different operation modes: Universal Repeater and AP Mode
- Supports DHCP server to assign IP address automatically
- Provides 1 Gigabit Ethernet port to support LAN configuration of AP
- Supports 64/128-bit WEP, WPA, WPA2 and IEEE 802.1x wireless securities
- Supports Wi-Fi Protected Setup (WPS 2.0) hardware button
- Supports Web-based configuration

SPECIFICATIONS

Chipset

- Mediatek MT7620A + MT7612E + RTL8211E

Flash + SDRAM

- 8MB Flash + 64MB DDRAM II

Ethernet Port

- 10/100/1000M UTP Port x 1 (Auto MDI/MDI-X) for LAN

Frequency Band

- 2.4000~2.4835GHz (Industrial Scientific Medical Band)
- 5.150~5.825GHz (subject to local regulations)

Data Rate

- 11a: 6/9/12/24/36/48/54Mbps;
- 11b: 1/2/5.5/11Mbps; 11g: 6/9/12/24/36/48/54Mbps
- 11n (20MHz): MCS0-15, up to 144Mbps
- 11n (40MHz): MCS0-15, up to 300Mbps
- 11ac (80MHz): VHTMCS0-9, up to 867Mbps

Output Power

- 2.4GHz: 11b(11M): 16±1.5 dBm , 11g(54M): 14±1.5 dBm
11n(20MHz, MCS15): 13±1.5 dBm,
11n(40MHz, MCS15): 13±1.5 dBm
- 5GHz: 11a(54M): 12±1.5 dBm,
11n(20MHz, MCS15): 12±1.5 dBm,
11n(40MHz, MCS15): 12±1.5 dBm
11ac(80MHz, VHTMCS9): 10±1.5 dBm

Receive Sensitivity

- 2.4GHz: 11b(11M): -83±2dBm, 11g(54M): -69±2dBm
11n(20MHz, MCS7): -67±2dBm,
11n(40MHz, MCS7): -63±2dBm
- 5GHz: 11a(54M): -68±2dBm,
11n(20MHz, MCS15): -66±2dBm,
11n(40MHz, MCS15): -63±2dBm,
11ac(80MHz, VHTMCS9): -53±2dBm

Antenna

- Internal DB Pifa Antenna x 2

Power Module

- 5V, 1.5A Power Module Inside

Dimension

- Plastic housing 59(W) x 91(H) x 40(D) mm (power plug is excluded)

Temperature

- Operating: 32~104°F (0~40°C)
- Storage: -4~140°F (-20~60°C)

Humidity

- Operating: 10~90% (Non Condensing)
- Storage: Max. 95% (Non Condensing)

Certification

- FCC, CE

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