

# RP-AC1900

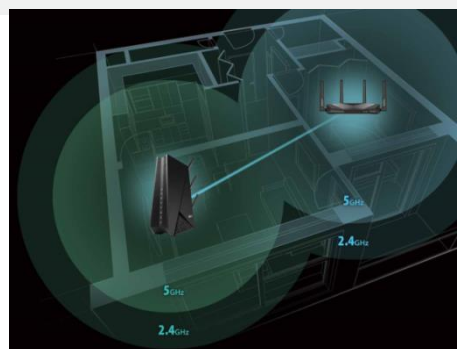
## AC1900 Dual Band Wi-Fi Range Extender / AiMesh Extender

- **Create and Extend Your AiMesh Wi-Fi System** – Expands your current AiMesh network to deliver powerful, seamless WiFi and robust functions on AiMesh router to your entire home.
- **One or Multiple Wi-Fi Name, the Choice is Yours** – When extending an AiMesh network, you can keep one Wi-Fi name (SSID) for the entire network or give individual names to each Wi-Fi band for different uses.
- **Works Perfectly with Any WiFi Router** – RP-AC1900 is also an universal WiFi repeater that works perfectly with virtually all WiFi routers, modems and cable routers on the market.
- **Easy Setup with Mobile App** – with ASUS Router app and ASUS Extender app, you can upgrade your home WiFi with just a few taps.



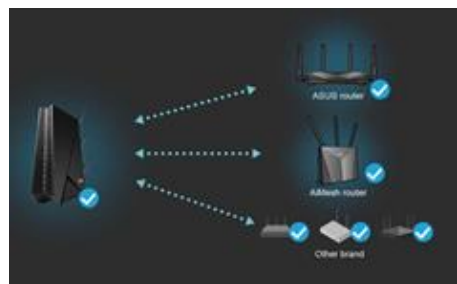
### Create and Extend Your AiMesh WiFi System

ASUS RP-AC1900 is an AiMesh extender and WiFi range extender that lets you easily expand your current wireless network to deliver powerful and seamless connectivity to every corner of your home. In addition to whole-home WiFi, when used with AiMesh routers, ASUS RP-AC1900 extends features like AiProtection, parental controls and adaptive QoS that provide enhanced security, intuitive controls to schedule and restrict internet access, and gaming prioritization for the best online experiences.



### Works Perfectly with Any WiFi Router

RP-AC1900 is also a WiFi range extender that works perfectly with virtually all WiFi routers, modems and cable routers/gateways on the market, so you don't have to worry if you do not have an AiMesh/ASUS router yet.



### Seamless, Pain-Free WiFi

When used with AiMesh routers, RP-AC1900 can create a single, whole-home WiFi network, so you don't have to switch networks as you move throughout your house. AiMesh keeps an eye on the signal strength to your device, and switches it seamlessly to another source if necessary. All you have to do is enjoy it! If you prefer separate network names for each frequency band, you can do that as well — AiMesh is designed to work the way you want!



## One or Multiple WiFi Name, the Choice is Yours

When extending current AiMesh network, you can choose to keep only one WiFi name (SSID) for the entire home network for easier usage; or separate WiFi names so you can dedicate different WiFi band for different usage. For example, dedicate the 5GHz band to gaming devices with higher bandwidth needs and 2.4GHz band for normal usage.

### Your Network. Your Choice



## Incredibly Easy, but Incredibly Powerful

AiMesh is incredibly easy to use, but that doesn't mean it's not powerful. When it is part of an AiMesh network, RP-AC1900 still provides comprehensive features and easy central control of all settings from the ASUS Router mobile app or ASUSWRT. So great features like AiProtection, QoS and Parental Controls work across the entire network, ensuring that no-one can bypass them by connecting to a different router. Just remember to always connect your highest-specification router to your internet service.



## Easy Setup – Extend WiFi from AiMesh Router

### Update the firmware

Install the latest firmware on the AiMesh router.

### Search for RP-AC1900

On AiMesh router, click 'Search' in ASUSWRT or the ASUS Router app to find RP-AC1900.

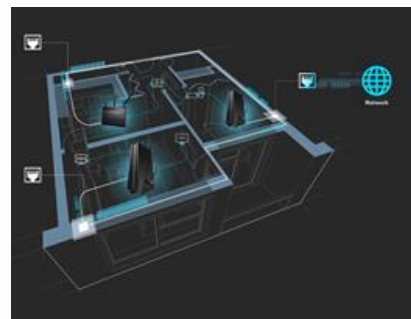
### Join RP-AC1900 to AiMesh

Select RP-AC1900, and click 'Apply' to add it to your AiMesh WiFi system



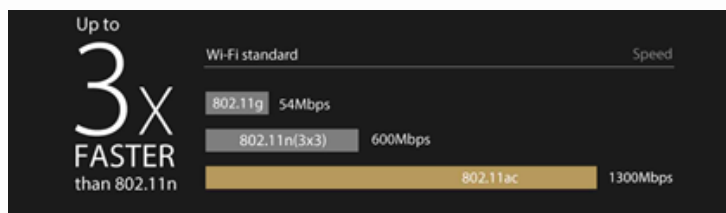
## Flexible Backhaul Connection with Router

RP-AC1900 supports AP mode, so you can establish Ethernet backhaul with on-wall Ethernet jacks in your home to create a wired connection between the router and RP-AC1900. This not only provides even more stable WiFi, but also dedicates the entire 2.4GHz and 5GHz bands to wireless devices for smoother connections.



## Experience Ultra-Fast WiFi

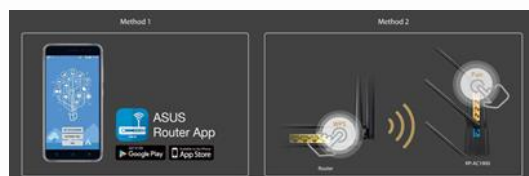
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## Easy Setup - Extend WiFi from Non-AiMesh Router

If you don't have an AiMesh router, setting up your RP-AC1900 WiFi repeater is still easy. It doesn't require messing with discs, or even a mouse and keyboard. You can use the ASUS Extender app to easily transfer your router's login information to RP-AC1900 with just a few taps; or use the Pair buttons on RP-AC1900 and your router for instant automatic setup\*. It's all PC-free! For advanced settings, you can connect RP-AC1900 to a PC via an Ethernet cable and access the web-based configuration menu directly.

\*Pair button setup and ASUS Extender app setup is not applicable when RP-AC1900 is working with AiMesh routers.



## Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
Product Segment	AC1900 ultimate AC performance: 600+1300 Mbps
Coverage	Large homes
Data Rate	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 : up to 450 Mbps; Turbo QAM up to 600Mbps 802.11ac : up to 1300 Mbps
Antenna	External antenna x 3
Transmit/Receive	<b>MIMO technology, 2.4 GHz 3 x 3, 5 GHz 3 x 3</b>
Memory	128MB Flash, 256MB RAM
Operating Frequency	2.4 GHz / 5 GHz
Encryption	WPA2-PSK, WPA-PSK, WPA-Enterprise, WPA2-Enterprise, WPS(Pair)support
Management	DHCP, DDNS, Port Forwarding, System Event Log,
Ports	Gigabits BaseT for Ethernet backhaul port X1, Gigabits BaseT for LANx4
Button	Pair Button, Reset Button, Power on/off button
OS Support	Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Windows® XP Mac OS X or higher Linux
Dimensions	155.9 x 216 x 59.65 ~ mm (WxDxH)
Package Content	RP-AC1900 Ethernet Cable Power Adapters Quick Start Guide Warranty Card
Operation mode	Repeater mode, Access point mode, Media bridge Mode, AiMesh node mode
Note	ASUS Router App; ASUS Extender App