Tenda

All for better networking.
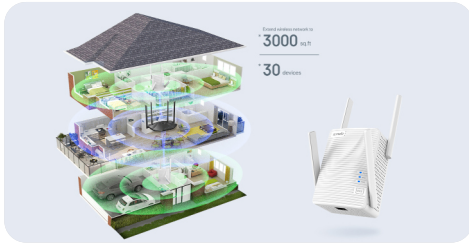
A21

AC2100 Dual Band Wi-Fi Range Extender

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A21 is a four-antenna AC2100 wireless signal extender designed for large-sized home users. The 5G wireless rate can reach up to 1734Mbps, and the 2.4G wireless rate can reach 300Mbps. It is equipped with four external omnidirectional antennas and 4x4 MU-MIMO. Compared to AC1750 and AC1900 products that use 3x3 MU-MIMO technology, it is faster and can better meet the signal coverage of the whole house of large-area home users, and enjoy high-definition online video, live broadcast, and large-scale 3D games. A21 also has an external Gigabit Ethernet port, which can provide a more reliable and faster network connection for wired devices such as set-top boxes, smart TVs, PS4, and PCs, and is more flexible in use.
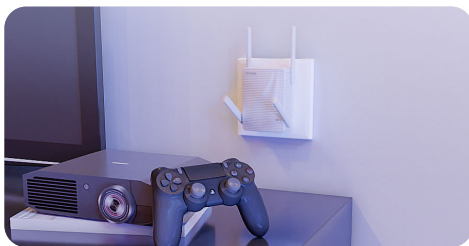
Main Features

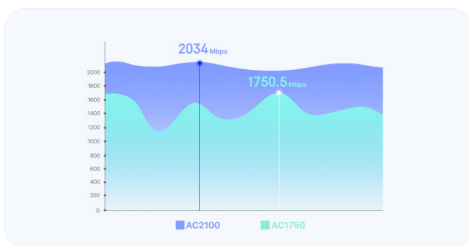## Stable Signal and 360° Full Coverage

Equipped with 4 high gain external antennas to better improve the existing network signal strength. Extend your wireless network coverage to 3000 sq.ft for approximately 30 devices, provides the best value and connection for your Internet needs.

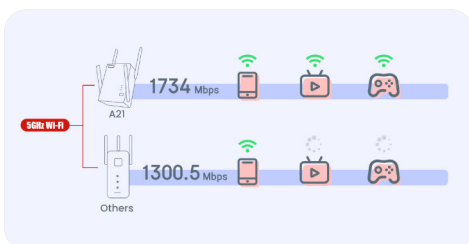*The above data is from the full-load test environment of Tenda Lab.

Blazing-Fast Dual Band Wi-Fi Extension

Compliant with IEEE 802.11ac Wave2，A21 achieves a dual-band concurrent rate up to 2033 Mbps, (2.4GHz 300Mbps / 5GHz 1734Mbps)，which can maximize your audio-visual entertainment and gaming networking experience.

Faster and Reliable

The AC2100 dual-band concurrent rate is as high as 2034 Mbps, which is 1.2 times that of AC1750!

4x4 MU-MIMOTechnology forFaster Transmission

Powered by 4x4 MU-MIMO technology, A2100 offers a 5GHz transmission rate 1/3 higher than AC1750 and AC1900 devices powered by 3x3 MU-MIMO technology, letting you enjoy a higher transmission rate even with multiple connected clients.

*Use of MU-MIMO requires your APs to also support MU-MIMO.

Main Features

One-Touch Connection for Easy Setup

After pressing the WPS button of the router, press the WPS button of the extender within 2 minutes to connect.
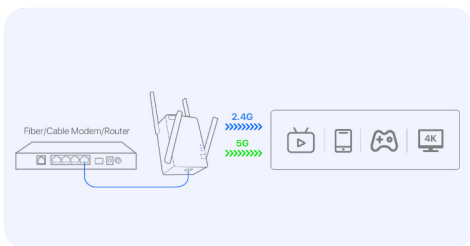
Intelligent LED Indicator

After the bridge is completed，smart LED indicators can help you find the best location for Wi-Fi coverage and improve the quality of signal extension.

Blue：Good connection
Red：Too far away from the router

Entertainment Adapter

If the extender is paired and connected to the Internet, you can also use the Ethernet port to connect any wired devices, such as smart TV、multimedia player、game console, or PC.

Built-in Access Point Mode

Simply plug the networked Ethernet cable into the Ethernet port of A21, and you can easily convert your wired Internet connection into a dual-band wireless signal.

Specification

Hardware Specification	
Interface	1*10/100/1000Mbps RJ45
Antenna Type	4 * External 3dBi omni-directional antenna
Button	1 * WPS Button 1 * Reset Button
LED indicator	1 * Signal LED 1 * WPS LED 1 * Power LED
Power Supply	12V1A, built-in
Power Consumption	11W (max power consumption)
Dimensions	109x78x56.2mm
Wireless Features	
Wireless Standards	IEEE802.11b,IEEE 802.11g, IEEE 802.11n, IEEE 802.11a,IEEE 802.11ac
Frequency	5 GHz(11ac) 2.4 GHz
Data Rate	5GHz: Up to 1734Mbps 2.4GHz: Up to 300Mbps
RSSI	2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11n-20M-MCS7:-74dBm 11n-40M-MCS7:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MCS7:-74dBm 11n-40M-MCS7:-72dBm 11ac-80M-MCS9:-63dBm
Transmit Power	<20dBm
Wireless Modes	Repeater Mode，Access Point Mode
Wireless Security	Default encryption mode: Mix WPA-PSK/WPA2-PSK WPA algorithm: TKIP

Specification

Others	
Certification	CE、FCC、RoHS
Plug Type	US、EU、UK
Package Contents	1 * AC2100 Dual Band WiFi Range Extender 1 * Quick Installation Guide
System Tool	Firmware upgrade, Restore factory settings, Login password, and Reboot
Environment	Operating Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: (10~90)% RH, non-condensing Storage Humidity: (5~90)%RH, non-condensing
Related Products	AC19、AC21

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