

**Tenda**



All for better networking.

**AC6V5.0**

AC1200 Smart Dual - Band WiFi Router



## AC6V5.0

### AC1200 Smart Dual-band WiFi Router

#### Product Overview

With Gigabit speeds compliant with IEEE802.11ac, AC6 v5.0 offers throughput as high as 1167Mbps. Powered with the latest features including beamforming+ technology and the innovative MU-MIMO. With the 28nm CPU, independent power amplifiers, four 6dBi high-gain antennas, you are assured to have an uninterrupted gaming experience and 4K video streaming. AC6 v5.0 has great eco credentials too. With a power saving function, App-based management and migration of PPPoE user credentials allows for a smarter and eco-friendly digital life.

#### Features

- 11ac speed up to 1167Mbps (5GHz: 867Mbps + 2.4GHz: 300Mbps)
- Realtek chipset for stable and fast WiFi connection
- High powered amplifiers and external antennas for whole-home coverage
- Beamforming+ for longer range of IEEE802.11ac-compliant WiFi clients
- Innovative MU-MIMO technology for more connected clients
- Smart WiFi Schedule for lower power consumption
- Migration PPPoE user name and password for hassle-free configuration

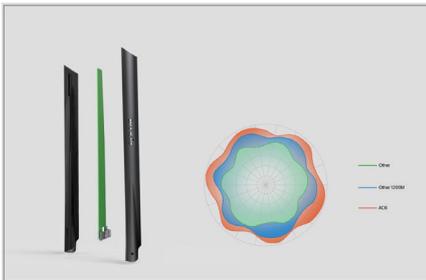
# Features

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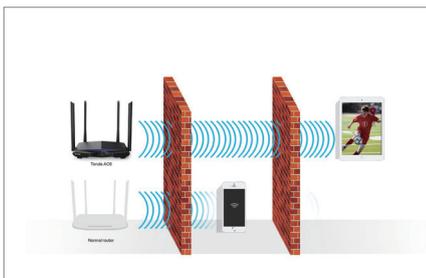
## 5th Generation WiFi: 802.11ac with Dual-band Connectivity

Compliant with IEEE802.11ac, AC6 offers a data rate as high as of 1167Mbps (5GHz: 867Mbps + 2.4GHz: 300Mbps), triple times faster than 11n-compliant routers. Its fast and stable performance makes it the ideal choice for lag-free HD streaming, online gaming and other bandwidth-intensive tasks.



## Four 6dBi high-gain antennas for whole-home WiFi coverage

With four 6dBi high-gain antennas that powered by the multi-oscillator radiation technology, AC6 blankets your home with reliable WiFi.



## High-powered amplifiers

With the high-powered amplifiers for WiFi on both 2.4GHz and 5GHz bands, Tenda's AC6 delivers a stronger signal through walls, allowing you to enjoy uninterrupted connection in every corner of your home.



## 28nm CPU for stability

With 28nm CPU, AC6 allows you to enjoy a fast and stable connection throughout your home.

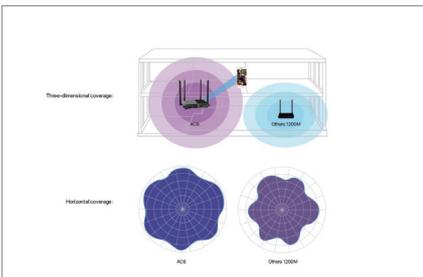
# Features

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## Innovative MU-MIMO technology

The innovative MU-MIMO technology delivered in AC6 allows communication with more wireless devices simultaneously and offers you the fastest possible connection.



## Beamforming+ for wider WiFi coverage and internet stability

Beamforming+ technology enables AC6 to lock on to your WiFi receiving clients rather than blast WiFi in all directions, and mitigates co-channel interference, letting you enjoy fast internet connection.



## Hassle-free configuration

What if you forget your PPPoE user name or password when replacing your older router? Are you still troubled by complicated setup and configurations? AC6 allows you to replicate the user name and password provided by your ISP by connecting the WAN port of your old router to the LAN port of AC6, letting you go from laborious configurations.

# Specification

## AC6 AC1200 Smart Dual-Band WiFi Router

Hardware Specification	
Standards	IEEE802.3, IEEE802.3u
Interface	1*10/100Mbps WAN port 3*10/100Mbps LAN ports
Antenna	4*6dBi external antennas
Button	1*WiFi/WPS button
Power	Input: 100-240V—50/60Hz 0.4A Output: DC 9V1A
Dimensions(W*D*H)	220mm*141.5mm*49mm(L*W*H)
LED Indicator	System*1,WAN*1, LAN*1, WiFi*1
Wireless Features	
Wireless Standards	IEEE 802.11ac/a/n @5GHz IEEE 802.11b/g/n @2.4GHz
Data Rate	5GHz: Up to 867Mbps 2.4GHz: Up to 300Mbps
Frequency	Simultaneous dual band 2.4 & 5GHz
Transmit Power	CE:<20dBm(2.4G)<23dBm(5G) FCC:<30dBm
Basic Features	SSID Broadcast: Enable/Disable Transmission Power: high, medium, low , Beamforming, MU-MIMO
wireless Security	WPA-PSK/WPA2-PSK, WPA/WPA2 Wireless Security: Enable/Disable WPS(WiFi Protected Set-up) fast encryption
Software Features	
Internet Connection Type	PPPoE, Dynamic IP, Static IP PPPoE(Russia), PPTP(Russia), L2TP(Russia)
Operating Mode	Wireless Router Mode Universal Repeater Mode WISP Mode AP Mode
DHCP Server	DHCP Server DHCP Client List DHCP Reservation
Virtual Server	Port Forwarding DMZ Host UPnP
Security	Client Filter (support blacklist and whitelist) Parental Control Remote Management

Firewall	Forbid UDP flood attack Forbid TCP flood attack Forbid flood attack Forbid WAN PING from internet
DDNS	Support DynDNS, Oray.com, 88ip
VPN	IPsec pass through PPTP pass through L2TP pass through
Special Features	PPPoE Username/Password Clone Smart WiFi Schedule Smart Sleeping Mode Smart LED on/off Tenda WiFi App
Others	Bandwidth Control Guest Network IPTV MAC Address Clone Static Routing System Log Backup & Restore configurations Online firmware upgrade Local firmware upgrade
<b>Others</b>	
Temperature	Operating Temperature: 0°C ~ 40°C Storage Temperature: -40°C ~ 70°C
Humidity	Operating Humidity: 10% ~ 90% RH non-condensing Storage Humidity: 5% ~ 90% RH non-condensing
Factory Default Settings	Default Access: tendawifi.com or http://192.168.0.1
Certificates	CE/FCC/RoHS
EIRP Power (Max)	2.400-2.4835GHz: 19.55dBm (EIRP) 5.150-5.250GHz: 19.98dBm (EIRP)
Package Contents	AC1200 Smart Dual-Band Gigabit WiFi Router Power Adapter Install Guide Ethernet Cable

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