

## AC6

### AC1200 Smart Dual-Band WiFi Router

AC6 is a dual-band wireless router dedicated to home users for smart home networking. It boasts a concurrent dual-band wireless data transfer rate of up to 1167 Mbps. Its built-in signal amplifiers, Beamforming technology, and four external antennas offer you lag-free gaming and uninterrupted video streaming experience. AC6 also provides the Smart WiFi Schedule function, which automatically turns on/off WiFi to reduce power consumption and bring smart internet connectivity to your family.



#### 1. Superior gaming and UHD streaming experience

- Extreme WiFi transfer rate of up to 1167 Mbps
- Broadcom ARM Cortex-A7 900 MHz processor with DDR2 memory for outstanding performance



#### 2. Ultimate coverage without deadzones

- High-power amplifiers for whole-home coverage
- Beamforming+ technology to boost the transmission range for 802.11ac WiFi devices
- Four external high-gain antennas to achieve whole-home HD coverage



#### 3. Smart management via Tenda App

- Smart WiFi schedule to automatically turn on/off WiFi
- Advanced QoS for uninterrupted HD video streaming
- Power saving and LED control for energy-conservative household
- Smart Tenda App for management anytime anywhere

### Features

- Dual-band concurrent transfer rate of up to 1167 Mbps
- Support wireless signal repeater and WISP
- Support WiFi On/Off button
- Support VPN server
- Management with Tenda App
- Four external high-gain antennas
- Built-in separated signal amplifiers

## Specifications

Hardware Specifications	
Wired Communications Standards	IEEE802.3; IEEE802.3u
Ports	10/100 Mbps WAN port x 1 10/100 Mbps LAN port x 3
Antennas	External 5 dBi omnidirectional antenna x 4
Buttons	WiFi On/Off button x 1; Reset/WPS button x 1
Power Supply	Input: 100V-240V – 50Hz/60Hz, 0.2A Output: DC 12V=1A
Dimensions	220 mm x 141.5 mm x 49 mm
LED Indicators	System x 1; WAN x 1; LAN x 3; 2.4G x 1; 5G x 1; WPS x 1
Wireless Features	
Wireless Communications Standards	5 GHz: IEEE 802.11ac/a/n 2.4 GHz: IEEE 802.11b/g/n
Data Rate	5GHz: Up to 867Mbps 2.4GHz: Up to 300Mbps
Frequencies	2.4 GHz & 5GHz
Transmit Power	CE: < 20 dBm (2.4 GHz) < 23 dBm (5 GHz) FCC: < 30 dBm
Basic Features	SSID broadcast (options: Enable/Disable) Transmit power (options: High/Medium/Low) Beamforming+
Wireless Security	WPA-PSK/WPA2-PSK; WPA/WPA2 Wireless encryption (options: Enable/Disable) WPS (Wi-Fi Protected Setup)
Software Features	
Internet Connection Types	PPPoE, DHCP, and Static IP address PPPoE (Russia), PPTP (Russia), and L2TP (Russia)
Operating Modes	Wireless router mode Universal repeater mode WISP mode
DHCP Server	DHCP server DHCP client list DHCP reservation
Virtual Server	Port forwarding DMZ host UPnP
Security	Client filter Parental control (blacklist and whitelist) Remote management
Firewall	<b>UDP flood attack defense</b> <b>TCP flood attack defense</b> <b>ICMP flood attack defense</b> <b>Ignoring ping packets to the WAN port</b>

## Specifications

Software Features	
DDNS	DynDNS, No-IP, 3322.org, Oray.com, and 88IP
VPN	IPsec passthrough PPTP passthrough L2TP passthrough PPTP server PPTP client L2TP client
<b>Special Features</b>	<b>Smart WiFi schedule</b> <b>Smart power saving</b> <b>Smart LED schedule</b> <b>Tenda Cloud</b> <b>Tenda App</b>
Others	Bandwidth control <b>Guest network</b> <b>IPTV</b> MAC cloning Static routing System logs Configuration backup & restoration Online firmware upgrade Firmware upgrade using a web browser
Others	
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
Default Login Domain Name	tendawifi.com
Certificates	CE/FCC/RHoS
Packing List	AC1200 Smart Dual-Band WiFi Router Power adapter Installation guide Ethernet cable

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