

# AC1200 Dual Band Smart Home Wi-Fi System

## Model No.: T6\_V2

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<b>TOTOLINK Model</b>		T6_V2			
<b>Product Category</b>		AC1200 Dual Band Smart Home Wi-Fi Router			
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Version	Date	Description	Author	Verifier	
V1.0	2019-11-14	Spec	Summer		
V1.1	2020-02-19	Update the content	Summer		

## Product Design



## Overview

T6 wireless dual band router is specially designed for creating a smart home Wi-Fi system. With 1167Mbps dual band concurrent Wi-Fi and one click auto connection functions, T6 easily and efficiently effectuates the Wi-Fi Coverage even under big flats, multiple floors, etc complicated environments.

### Extremely High Speed Wi-Fi

Complied with the latest 802.11ac standards, T6 delivers wireless speed up to 1167Mbps, ideal for music, HD video and online gaming.

### Beamforming Technology

With Beamforming technology, T6 intensively transmits wireless signal to the wireless connected devices, improving the bandwidth efficiency.

### Plug and play

Factory default Mesh pairing (one master one slave). No need to manually configure again, easy to operate, simple layout

### Simultaneous Dual Band

Complied with the latest IEEE 802.11ac standards, T6 delivers wireless dual band speed up to 1167Mbps, of which the 2.4G Wi-Fi shows high compatibility and 5G Wi-Fi shows great anti-interference feature, ideal for lag-free games and large-file downloading.

### IPTV helps to catch the latest teleplay

Enjoy the popular movies and the latest teleplay with your families. T6 is your ideal cost-effective solution to enjoy the Streaming Media at home.

## Multiple SSIDs for creating Guest Network

Supports to share Internet with other people by creating Guest Network via multiple SSIDs. The new created Guest Network provides secure access for the coming guests to use Wi-Fi without degrading the performance of your private network.

## APP for remote management

With the latest TOTOLINK APP in hand, managing routers has never been so easier. From the base setup to advanced personal settings, users can access and configure the router anywhere and anytime on their smartphone.

## Domain access for Quick Setup

T6 allows the users to configure the router via a specified website <http://itotolink.net>, no need to remember the lengthy IP address any more.

## Features

- Complies with the latest IEEE 802.11ac Wi-Fi standards.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Intelligent Beamforming helps to transmit the wireless signal intensively and improve the bandwidth efficiency.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Provides WPA/WPA2 mixed security.
- QoS: Bandwidth Control based on IP address.
- IPTV function allows to enjoy online movies at home.
- Bright and white design with compact size.
- Plug and play, Default master-slave router has Mesh connection and does not need to be manually configured.

## Specification

Hardware	
<b>Interface</b>	- 2 *100Mbps LAN Ports - 1 *100Mbps WAN Port
<b>Power Supply</b>	- 9VDC/0.8A
<b>Button</b>	- 1 *Mesh Button - 1 * RST Button
<b>LED Indicators</b>	- 1 *Status
<b>Antenna</b>	- 2 *Internal Antennas (2.4G/5G)
<b>Dimensions (L x W x H)</b>	- 89 x 89 x 68.5mm
Wireless	
<b>Standards</b>	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11s
<b>RF Frequency</b>	- 2.4GHz/5GHz
<b>Data Rate</b>	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
<b>EIRP</b>	- 2.4GHz < 20dBm
	- 5GHz < 20dBm
<b>Wireless Security</b>	- WPA/WPA2 mixed
<b>Reception Sensitivity</b>	- 2.4G: 11b: <-81dbm ; 11g: <-68dbm ; 11n: HT20<-65dbm HT40: <-62dbm - 5G: 11a:<-68dbm ; 11n: HT20<-65dbm HT40: <-62dbm 11ac: <-51dbm

Software	
<b>Operation Mode</b>	- Mesh Mode
<b>Home</b>	- Quick Setup      - Basic setup      - Advanced setup - QR Code          - Logout          - Reboot
<b>Mesh setting</b>	- Mesh Networking   - Mesh Topology      - Roaming - Clear default pairing
<b>Network</b>	- WAN Setting      - LAN Setting      - IP/MAC Binding - DDNS Setting    - IPTV Setting
<b>WAN Type</b>	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
<b>Wireless</b>	- Basic setup      - Guest Network(Multiple SSID)
<b>QoS</b>	- Up/Down speed control on WAN, Bandwidth control based on IP address
<b>Security</b>	- MAC Filtering      - IP/Port Filtering      - URL Filtering
<b>NAT</b>	- Virtual Server(Port Forwarding)      - DMZ - VPN passthrough
<b>Tools</b>	- Upgrade Firmware   - Time Setup      - Remote managemen - Password Settings   - Reboot Schedule   - System Log and so on
Others	
<b>Package Contents</b>	- T6 Wireless Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1 Remark: This product 2 in 1 package(Default), the above list is only for reference.
<b>Environment</b>	- Operating Temperature: 0°C~50 °C (32 °F~122°F) - Storage Temperature: -40°C~70 °C (-40 °F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing