



The Smartest Network Device

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**T20**

AC3000  
Tri-Band Gigabit Router



Tri-band Wi-Fi



MU-MIMO



Beamforming+



Mobile APP

## ➤ Overview

# AC3000 tri-Band Gigabit Router

### Model No. T20

T20 is a smart home Wi-Fi system which includes multiple paired routers working together. All the routers in the system communicate with each other on the 1733Mbps bandwidth and each router delivers wireless tri-band speed up to 3000Mbps. It requires no wiring, but the wireless performance, such as the transmission speed and the stability can be as good as the cable connection. With the mesh wireless network technology, T20 supports to deliver wireless signal to a wider coverage. Meanwhile, T20 supports MU-MIMO technology, delivering wireless signal on 2.4GHz and 5GHz with a combined SSID, easily achieving the seamless roaming.

### Master



### Satellite



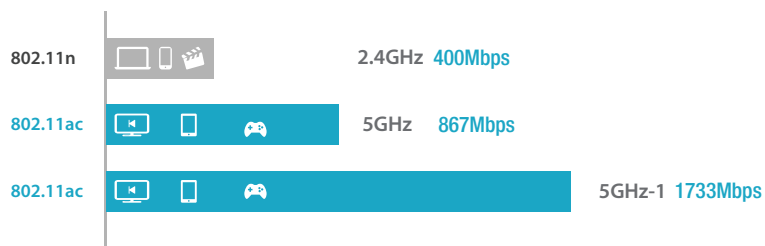
## ➤ Features

- Complies with the latest IEEE 802.11ac Wi-Fi standards.
- 1733Mbps+867Mbps on 5GHz and 5GHz-1 and 400Mbps on 2.4GHz band for total 3000Mbps simultaneously.
- Wireless roaming helps users switch to the stronger signal source automatically.
- MU-MIMO technology improves the Wi-Fi experience for the users.
- Qualcomm Quad-core CPU performs stronger in data processing, greatly improving the Wi-Fi experience for the users.
- Intelligent Beamforming helps to transmit the wireless signal intensively and improve the bandwidth efficiency.
- Supports DHCP, Static IP and PPPoE broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA-PSK/WPA2-PSK security.
- Connects to secure network easily and fast using WPS.
- QoS function supports to control the bandwidth based on IP address.

# Selling point

## ➤ AC3000 Wireless Tri-Band Router

1733Mbps on 5GHz-1, offer super high speed connection between Master router and Satellite router.867Mbps on 5GHz, offers super fast wireless speed for Gaming, Video and Download.400Mbps on 2.4GHz, offers further Wi-Fi coverage for other wireless terminals, as well as strong wall-through ability.



## ➤ Wave2 MU-MIMO and Beamforming technology

With the latest Wave2 MU-MIMO and Beamforming technology, T20 supports to communicate with multiple devices at the same time and supports to transmit the signal to the wireless connected devices intensively, such as smart phones, tablets and laptops, thus improving the bandwidth efficiency and the Wi-Fi experience.



## ➤ Intelligent Synchronization on Configuration

Satellite T20 will copy the configurations from the Master T20 automatically, such as Wireless SSID/Password, working Mode, Bandwidth, Advance Settings and so on.



# Specification

## Hardware

Interface	<b>Master T20</b> <ul style="list-style-type: none"><li>- 2 * 1000Mbps LAN Ports</li><li>- 1 * 1000Mbps WAN Port</li><li>- 1 * USB2.0 Port</li></ul> <b>Satellite T20</b> <ul style="list-style-type: none"><li>- 3 * 1000Mbps LAN Ports</li><li>- 1 * USB2.0 Port</li></ul>
Power Supply Button	- 12V DC / 3.5A <ul style="list-style-type: none"><li>- 1 * Syn Button</li><li>- 1 * RST Button</li><li>- 1 * Power Button</li></ul>
LED Indicator	<b>Master T20</b> <ul style="list-style-type: none"><li>- 1 * System</li><li>- 1 * WAN</li><li>- 2 * LAN</li></ul> <b>Satellite T20</b> <ul style="list-style-type: none"><li>- 1 * System</li><li>- 3 * LAN</li></ul>
Antenna	- Internal Antennas

## Wireless

Standards	<ul style="list-style-type: none"><li>- IEEE 802.11ac,</li><li>- IEEE 802.11a,</li><li>- IEEE 802.11b,</li><li>- IEEE 802.11g ,</li><li>- IEEE 802.11n ,</li><li>- IEEE802.11s</li></ul>
RF Frequency	- 2.4GHz/5GHz
Data Rate	<ul style="list-style-type: none"><li>- 2.4GHz: Up to 400Mbps</li><li>- 5GHz(1) : Up to 867Mbps</li><li>- 5GHz(2) : Up to 1733Mbps</li></ul>
EIRP	<ul style="list-style-type: none"><li>- 2.4GHz &lt; 20dBm</li><li>- 5GHz &lt; 20dBm</li></ul>
Wireless Security	- 64/128-bit WEP, WPA, WPA2 and WPA-PSK, WPA2-PSK
Reception Sensitivity	<ul style="list-style-type: none"><li>- 2.4G: 11b: &lt;-81dbm ; 11g: &lt;-68dbm ; 11n: HT20&lt;-65dbm HT40: &lt;-62dbm</li><li>- 5G: 11a:&lt;-68dbm ; 11n: HT20&lt;-65dbm HT40: &lt;-62dbm 11ac: &lt;-51dbm</li></ul>

# Specification

## Software

Operation Mode	- Mesh Networking Mode
Network	- Static DHCP Setting, IPTV
WAN Type	- DHCP, Static IP, PPPoE
Wireless Functions	- Multiple APs, MAC Authentication, WMM
Schedule	- Reboot Schedule, Wireless Schedule
QoS	- QoS Setup, Connect Limit Control
Firewall	- IP/Port Filtering, MAC Filtering, URL Filtering, Port Forwarding, VPN Passthrough, DMZ
USB Storage	- Samba
Management	- Administrator Setting, Time Setting, DDNS, Remote Management, UPnP, Upgrade Firmware, System Configuration, System Log, and more

## Others

Package Contents	- T20 Wireless Router *2 - Power Adapter *2 - Ethernet Cable *2 - Quick Installation Guide *1
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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