

**Tenda**

**Wi-Fi 7**

**TE3L**

BE3600 Dual Band Gigabit Wi-Fi 7 Router

[www.tenda.cn.com](http://www.tenda.cn.com)



# TE3L

## BE3600 Dual Band Gigabit Wi-Fi 7 Router

The TE3L uses the latest Wi-Fi 7 technology, with dual-band concurrent rates up to 3570 Mbps (5GHz: 2882Mbps, 2.4GHz: 688Mbps). With a dual-core CPU and a 6nm Wi-Fi chip, this router ensures a stable and seamless network experience. Equipped with five high-gain antennas and five built-in FEMs, our Wi-Fi 7 router offers enhanced wall penetration and extended transmission range; It supports the Wi-Fi+ Mesh function to effortlessly provide comprehensive coverage in large households. It also supports a variety of special functions such as NFC one-touch networking, WAN/LAN port auto-negotiation and intelligent diagnosis, easily meeting the needs of various internet scenarios.

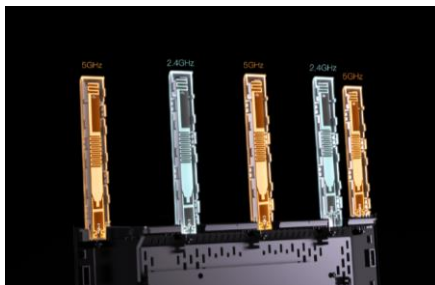
# Main Features

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## Wi-Fi 7 Faster than Ever

Adopt the new generation Wi-Fi7 technology , dual-band concurrent rate up to 3570Mbps. The unique Multi-Link Operation technology of Wi-Fi7, combined with terminal devices also supporting Wi-Fi7, bringing a new network experience with higher throughput and lower latency than ever before, galloping in the Wi-Fi7 Era.



## Boosted Wi-Fi Coverage Throughout Your Home

Featuring five high-gain external antennas and a 6nm Wi-Fi chip with enhanced integration and lower power consumption. This combination significantly boosts the strength of the Wi-Fi band, providing improved performance and range.



## One-Click Wi-Fi Extension with Wi-Fi+

Supports networking with up to nine Tenda routers featuring Wi-Fi+ capabilities. The Wi-Fi coverage can be extended easily by pressing the Mesh button, ensuring a high-speed networking experience for larger homes.



## More Useful and Rich Functions

Innovative use of NFC stickers to connect to the Internet in one touch, allowing visitors to connect to the Internet in one step; supports intelligent diagnosis function, which can quickly complete network self-checking and repair; also supports parental control function to ensure children's healthy Internet access.

# Specification

| Hardware Features        |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Standard&Protocol        | IEEE802.3, IEEE802.3u,IEEE802.3ab                                                                                |
| CPU                      | Dual-Core 1GHz CPU                                                                                               |
| RAM                      | 512MB                                                                                                            |
| Interface                | 3*10/100/1000Mbps WAN/LAN ports                                                                                  |
| Antenna                  | 5*external antennas                                                                                              |
| Button                   | 1*Mesh/Reset button                                                                                              |
| Power                    | Input: AC 100–240V~50/60Hz<br>Output: DC 12V 1A                                                                  |
| LED indicator            | 1*LED                                                                                                            |
| Dimensions               | (L*W*H) 244*56*200mm                                                                                             |
| Wireless Features        |                                                                                                                  |
| Wireless Standards       | IEEE 802.11be/ax/ac/n/a 5 GHz<br>IEEE 802.11be/ax/n/b/g 2.4 GHz                                                  |
| Frequency                | 2.4G: 2412–2472MHz(CH1–CH13)<br>5G: 5150–5350MHz(CH36–CH64)<br>5725–5850MHz(CH149–CH165)                         |
| Data Rate                | 5 GHz: 2882 Mbps (802.11be, HE160)<br>2.4 GHz: 688 Mbps (802.11be)                                               |
| Basic Functions          | SSID broadcasting and hiding<br>MU-MIMO<br>Beamforming signal directional transmission technology                |
| Wireless Security        | WPA2-PSK<br>WPA3-SAE/WPA2-PSK<br>Wireless Security: Enable/Disable<br>WPS(WiFi Protected Set-up) fast encryption |
| Software Function        |                                                                                                                  |
| Internet Connection Type | PPPoE, Dynamic IP, Static IP                                                                                     |
| Network Protocol         | IPv4&IPv6                                                                                                        |
| Operating Mode           | Router Mode<br>AP Mode<br>Universal Repeater Mode (Client+AP,WISP)                                               |

# Specification

## Hardware Features

|                  |                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DHCP             | DHCP Server<br>DHCP Client List<br>DHCP Static IP Address Reservation and Allocation                                                                                                                                                                              |
| Parental Control | Client Filter<br>URL Filter<br>Time Limit                                                                                                                                                                                                                         |
| Virtual Server   | UPnP<br>Port Forwarding<br>DMZ Host                                                                                                                                                                                                                               |
| Firewall         | Block Ping From WAN<br>UDP Flood Attack Defense<br>TCP Flood Attack Defense<br>ICMP Flood Attack Defense                                                                                                                                                          |
| DDNS             | DynDNS, no-ip, oray, 88ip                                                                                                                                                                                                                                         |
| VPN              | IPSec Transparent Transmission<br>PPTP Transparent Transmission<br>L2TP Transparent Transmission<br>PPTP VPN Server<br>PPTP VPN Client<br>L2TP VPN Client                                                                                                         |
| Management       | Tenda Wi-Fi APP<br>WEB( <a href="http://tendawifi.com">//tendawifi.com</a> )                                                                                                                                                                                      |
| Special Features | WAN/LAN Port Auto-Negotiation<br>Wi-Fi+(Mesh System)<br>NFC One-Touch Networking<br>Intelligent Diagnosis<br>IPTV<br>Smart LED on/off<br>IPv6                                                                                                                     |
| Other Function   | Unify 2.4 GHz & 5 GHz<br>Supports black list and white list<br>Bandwidth Control<br>Support App and web management<br>Remote Web Management<br>MAC Address Clone<br>Backup & Restore configurations<br>Firmware upgrade online<br>Static Routing<br>Guest Network |

# Specification

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| Other Features  |                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------|
| Certification   | CE, FCC, RoHS                                                                                              |
| Temperature     | Operating Temperature : 0°C~40°C<br>Storage Temperature : -40C ~70°C                                       |
| Humidity        | Operating Humidity : 10 %~90% RH non-condensing<br>Storage Humidity : 5 %~ 90%RH non-condensing            |
| IP Address      | tendawifi.com or http://192.168.0.1                                                                        |
| Package Content | CAT5e Network Cable*1<br>NFC Sticker*1<br>Power Adapter*1<br>Wi-Fi Router *1<br>Quick Installation Guide*1 |

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