TE3L

Tenda TE3L BE3600 Dual Band WiFi 7 Router

Product Overview

Tenda TE3L BE3600 Dual Band WiFi 7 Router, Dual-Core 1GHz CPU, 512MB RAM, 3x Gigabit WAN/LAN Ports, 5x external antennas, Operating mode - Router mode / AP mode / Universal Repeater mode, 2882 Mbps @ 5GHz, 688 Mbps @ 2.4GHz, SSID broadcasting and hiding, MU-MIMO







Specifications

Overview Summary:

Experience faster, smarter Wi-Fi with the Tenda TE3L BE3600 Dual-Band WiFi 7 Router. Powered by next-gen WiFi 7 technology and a dual-core 1GHz CPU, this router delivers blazing speeds of up to 3600Mbps, making it ideal for streaming, gaming, and smart home setups. With five high-gain antennas and wide signal coverage, the TE3L keeps every corner of your home connected. Easily manage devices, security, and parental controls through the intuitive app or web interface.

Whether you're working from home, streaming 4K video, or gaming online, the Tenda TE3L keeps you connected with low latency and strong bandwidth. With one-touch NFC setup and Mesh+ capability, it's never been easier to upgrade your home network. Buy now and enjoy next-level internet performance.

Performance tier: Mid-High

Uses: Streaming, gaming, remote work, smart home connectivity, large household internet use, mesh network expansion

Overview:

Tenda TE3L BE3600 Dual-Band WiFi 7 Router

Ultra-Fast, Stable, and Future-Ready Wi-Fi for Every Home
Experience next-gen wireless performance with the**Tenda TE3L BE3600 WiFi 7 router**. Designed for households and small offices, this dual-band gigabit router combines cutting-edge Wi-Fi 7 technology, robust signal coverage, and intelligent features to deliver a superior networking experience.

Features:

Key Specifications

- Model: TE3L v1.0
- Wi-Fi Standard: WiFi 7 (BE3600)
- Speeds: 2.4GHz - 688Mbps | 5GHz - 2882Mbps
- Max Connected Devices: 45-50
- Antenna Setup: 5 external high-gain antennas
- Ports: 3 x 1000M LAN/WAN auto-negotiation
- Processor: Dual-core MTK chip, built on 6nm architecture
- Memory: 512MB for smoother multi-device performance
- Special: NFC one-touch connection, Mesh+ support, advanced parental controls

Why Upgrade to Wi-Fi 7
With mobile phones and laptops now supporting WiFi 7, your router should keep up. The TE3L is ideal for devices like the iPhone 16, Samsung Galaxy S25, Pixel 8, Lenovo ThinkPad X1 Nano Gen 4, and Dell XPS 17 - all of which are built for WiFi 7 speeds.

Performance Highlights

Faster Speeds Than WiFi 6
Thanks to Multi-Link Operation (MLO), the TE3L delivers a maximum wireless speed of up to 3600Mbps. Compared to WiFi 6 AX3000 routers, tests show:

- Up to 27% increase in wireless throughput
- Up to 45% reduction in latency for smoother gaming
- 120% higher data density via 4K QAM for faster downloads

Download an HD movie in 10 seconds or enjoy seamless 4K streaming - even in bandwidth-heavy households.

Reliable Signal Coverage Across the Home
The TE3L is equipped with five high-gain antennas and five built-in FEMs for robust wall penetration and signal strength across 360-degree angles. Whether you're in the living room or a far bedroom, you'll enjoy consistent connectivity.

- Wi-Fi coverage: 80-110 square meters
- Add another TE3L unit for full home Mesh coverage with one-touch Mesh+ setup
- Extend 5GHz coverage by up to 4.5m using Xtra Range 2.0

Built for Multi-Device Environments
Unlike entry-level routers with 128MB RAM, the TE3L offers 512MB of memory and a high-efficiency CPU, allowing simultaneous streaming, gaming, and browsing for the whole family - all without lag.

Intelligent Features That Enhance Everyday Use:

- NFC One-Touch SetupInstantly connect visitors to your Wi-Fi by tapping their phone near the included NFC tag - no password required.
- Parental ControlsMonitor and manage your children's screen time and online activity directly from your app.
- Smart DiagnosisQuickly identify and troubleshoot network issues without needing technical knowledge.

Ideal Use Cases

- Smart homes with multiple connected devices
- Families needing strong signal in multi-room spaces
- Gamers and streamers demanding low latency and stable speed
- Professionals requiring consistent video conferencing and large file transfers

Make the Switch to TE3L BE3600
The Tenda TE3L is more than a router - it's a future-ready networking solution built for today's connected lifestyles. If you're using a new phone or laptop, upgrading to a Wi-Fi 7 router like the TE3L ensures you're unlocking the full speed and performance of your devices.

Ready for faster internet and broader coverage?

Choose the Tenda TE3L BE3600 Wi-Fi 7 router - because your devices deserve more.

Specifications:

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Specifications	
Product Code	TE3L
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
	Output: DC 12V?1.5A
LED indicator	1* LED
Dimensions	(L*W*H)
	244*56*200mm
Wireless Features	
Wireless Standards	IEEE 802.11be/ax/ac/n/a 5 GHz
	IEEE 802.11be/ax/n/b/g 2.4 GHz

Data Rate	2.4G: 2412-2472MHz(CH1-CH13)
	5G: 5150-5350MHz(CH36-CH64)
	5725-5850MHz(CH149-CH165)
Frequency	5 GHz: 2882 Mbps (802.11BE, HE160)
	2.4 GHz: 688 Mbps (802.11BE)
Transmission Power	SSID broadcasting and hiding
	MU-MIMO
	Beamforming signal directional transmission technology
	OFDMA
Wireless Security	WPA2-PSK
	WPA3-SAE/WPA2-PSK
	Wireless Security: Enable/Disable
	WPS(WiFi Protected Set-up)
	fast encryption
Software Function	
Internet Connection Type	PPPoE, Dynamic IP, Static IP
	PPPoE(Russia), PPTP(Russia), L2TP(Russia)
	Unify,Maxis,Maxis-special,Celcom,Digi
Network Protocol	IPv4&IPv6
Operating Mode	Router Mode
	AP Mode
	Universal Repeater Mode(Client+AP,WISP)
DHCP	DHCP Server
	DHCP Client List
	DHCP Static IP Address Reservation and Allocation
Parental Control	Client Filter
	URL Filter
	Time Limit
Virtual Server	Port Forwarding
	DMZ Host
	UPnP
Firewall	ICMP Flood Attack Defense
	TCP Flood Attack Defense
	UDP Flood Attack Defense
	Block Ping From WAN
DDNS	DynDNS, no-ip, oray, 88ip

VPN	IPSec Transparent Transmission
	PPTP Transparent Transmission
	L2TP Transparent Transmission
	PPTP VPN Server
	PPTP VPN Client
	L2TP VPN Client
Special Features	WAN/LAN Port Auto-Negotiation
	Wi-Fi+(Mesh System)
	Smart Diagnosis
	IPTV
	IPv6
	Smart LED on/off
Other Function	Support App and web management
	Bandwidth Control
	Guest Network
	MAC Address Clone
	Supports black list and white list
	Unify 2.4 GHz & 5 GHz
	Static Routing
	Remote Web Management
	Backup & Restore configurations
	Firmware upgrade online
Other Features	
Certification	CE, FCC,RoHS
Temperature	Operating Temperature : 0degreesC~40degreesC
	Storage Temperature : -40C ~70degreesC
Humidity	Operating Humidity : 10 %~90% RH non-condensing
	Storage Humidity : 5 %~ 90%RH non-condensing
Package Content	Wi-Fi Router *1
	RJ45 Ethernet Cable*1
	NFC Sticker*1
	Power Adapter*1
	Quick Installation Guide*1

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/TE3L-Tenda-TE3L-BE3600-Dual-Band-WiFi-7-Router-p-326729.php

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