

ARCHER BE450

TP-Link ARCHER BE450 BE7200 Dual-Band Wi-Fi 7 Router

Product Overview

TP-Link ARCHER BE450 BE7200 Dual-Band Wi-Fi 7 Router, 7.2 Gbps Dual-Band WiFi 7, Multi-Link Operation (MLO), 10G and 2.5G Wired Connection, Dual Installation Options, EasyMesh-Compatible, Easy Setup and Use, TP-Link HomeShield, Great Compatibility



Specifications

About this product

The TP-Link Archer BE450 BE7200 Dual-Band Wi-Fi 7 Router delivers ultra-fast wireless speeds up to 7.2 Gbps with advanced Wi-Fi 7 technology, Multi-Link Operation, and multi-gig wired ports for high-performance networking. Designed for seamless streaming, gaming, and smart home connectivity, it offers powerful security with HomeShield and easy setup via the Tether app. Buy now from our website for fast delivery in South Africa.

Overview Summary

TP-Link Archer BE450 BE7200 Dual-Band Wi-Fi 7 Router

The TP-Link Archer BE450 is a next-generation Wi-Fi 7 router designed to deliver exceptional speed, low latency, and reliable connectivity across modern homes and offices. With combined dual-band speeds of up to 7.2 Gbps, it supports demanding applications such as 4K and 8K streaming, online gaming, and large file transfers with ease. Multi-Link Operation allows devices to connect across multiple bands simultaneously for improved performance and stability.

This router features advanced wired connectivity with 1 x 10 Gbps port, 1 x 2.5 Gbps port, and 3 x Gigabit LAN ports, making it ideal for high-speed fibre connections. EasyMesh compatibility ensures seamless whole-home coverage, while HomeShield security provides protection against cyber threats. With flexible placement options and simple app-based setup, it is built for modern, connected environments.

Performance tier:High-end

Uses:home networking, streaming, gaming, smart home, remote work, multi-device environments

Description

The TP-Link Archer BE450 is engineered to meet the demands of modern digital lifestyles, offering cutting-edge Wi-Fi 7 performance with enhanced speed and efficiency. With dual-band connectivity delivering up to 5765 Mbps on 5 GHz and 1376 Mbps on 2.4 GHz, it ensures smooth and uninterrupted connectivity for multiple devices.

Its Multi-Link Operation technology enables simultaneous data transmission across multiple bands, reducing latency and improving overall network stability. This makes it ideal for bandwidth-intensive tasks such as online gaming, ultra-high-definition streaming, and video conferencing.

Designed for flexibility and convenience, the router can be placed on a desk or mounted on a wall. EasyMesh compatibility allows expansion into a full mesh network, eliminating dead zones and providing seamless coverage throughout your home. The integrated HomeShield security suite helps protect your network, devices, and data from evolving cyber threats.

Features

The Archer BE450 combines advanced networking technologies with user-friendly features for superior performance and control.

- Wi-Fi 7 technology: Delivers ultra-fast speeds up to 7.2 Gbps for next-generation connectivity.
- Multi-Link Operation: Improves throughput and reduces latency by using multiple bands simultaneously.
- Multi-gig ports: Includes 1 x 10 Gbps and 1 x 2.5 Gbps ports for high-speed wired connections.
- EasyMesh support: Expands coverage with compatible devices for seamless whole-home WiFi.
- HomeShield security: Provides advanced protection including parental controls and threat detection.
- Dual installation options: Place on a desk or mount on a wall for flexible setup.
- Smart management: Easy setup and control via the TP-Link Tether app.
- Wide compatibility: Supports all WiFi generations and internet service providers.

ComX Computers

Product Specification Sheet

7.2 Gbps Dual Band Wi-Fi 7 Speed

Powered by Wi-Fi 7 technology, Archer BE450 delivers an incredible Wi-Fi speeds of up to 7.2 Gbps, enabling your devices to run at full speed.

WiFi 7, WiFi Like Never Before

WiFi 7 offers accelerated throughput, lower latency, stronger anti-jamming, and higher efficiency. Join the league of pros and experience the sheer performance of the next generation of WiFi.

4K-QAM

Packs 120% data for higher speeds

Multi-Link Operation

Increases throughput, reduces latency, and improves reliability

Multi-RUs

Makes full use of every resource for maximum efficiency

Boosted Throughput, Unmatched Reliability

Multi-Link Operation (MLO) enables Archer BE450 to transmit data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for various networking behaviors.

10G and 2.5G Wired Connections

Experience lightning-speed connectivity with a 10 Gbps port and a 2.5 Gbps port, maximizing Gigabit+ speeds delivered by your internet provider. Break through the 1G bottleneck and unleash peak performance.

Dual Installation Options to Save Space

Whether it's on a desk, or hung on a wall, you can place the router any way you want to save the space of your house.

Create Whole Home Mesh WiFi

Archer BE450 is EasyMesh-compatible. If you have any dead zones at home, just add another EasyMesh router/range extender to further form your whole home multi-gigabit mesh WiFi. No more searching for a stable connection.

WiFi Dead Zone Killer

Eliminate weak signal areas with WiFi coverage for the whole house

Smart Roaming

Uninterrupted streaming when moving around your home

One WiFi Name

No more switching WiFi network names

Unified Management

Manage your whole home WiFi from the central node via the Tether app/Web UI

Set Up in Minutes

Install the Tether app and simply follow the on-screen directions. In just three easy steps your entire home can be blanketed in strong and reliable WiFi.

Your Security is Our Priority

With TP-Link HomeShield, enjoy advanced security features that deliver a safe environment that protects your family and network's data and privacy.

ComX Computers

Product Specification Sheet

Home Network Scanner

Real-time network scanner to detect potential threats and security issues.

Parental Controls

Manage time online and block inappropriate content to keep your family safe online.

Quality of Service

Assign your favorite devices to have the fastest connections for top performance.

Private IoT Network for More Security

Set up a separate WiFi for IoT devices and overlay HomeShield and advanced WPA3 encryption to better protect the security of your home network and IoT devices.

VPN Client and Server Supported

Allow devices in your home network to access remote VPN servers without needing to install VPN software on every device. Archer BE450 can run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.

What's in the Box

- TP-Link Archer BE450 Wi-Fi 7 Router
- Power adapter
- Ethernet cable
- Quick installation guide

Specifications

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	ARCHER BE450
WIRELESS	
WiFi Speeds	BE7200
	5 GHz: 5765 Mbps (802.11be)
	2.4 GHz: 1376 Mbps (802.11be)
WiFi Range	3 Bedroom Houses
	Internal Antennas
	Multiple antennas form a signal-boosting array to cover more directions and large areas
	Beamforming
	Concentrates wireless signal strength towards clients to expand WiFi range

ComX Computers

Product Specification Sheet

WiFi Capacity	High
	Dual-Band
	Allocate devices to different bands for optimal performance
	MU-MIMO
	Simultaneously communicates with multiple MU-MIMO clients
	OFDMA
	Simultaneously communicates with multiple clients
	Airtime Fairness
	Improves network efficiency by limiting excessive occupation
	DFS
	Access an extra band to reduce congestion
	4 Streams
	Connect your devices to more bandwidth
Advanced Features	Multi-Link Operation (MLO)
	4K-QAM
	Multi-RUs
	EasyMesh-Compatible
	Works with Alexa and Google Assistant
	IoT Network
Wireless Mode	Router Mode
	Access Point Mode
SECURITY	
Network Security	SPI Firewall
	Access Control
	IP & MAC Binding
	Application Layer Gateway
	HomeShield Security
	Real-Time IoT Protection
	Malicious Site Blocker
	Intrusion Prevention System
	DDoS Attack Prevention
	Home Network Scanner
Guest Network	1x 5 GHz Guest Network
	1x 2.4 GHz Guest Network

ComX Computers

Product Specification Sheet

VPN Server	OpenVPN Server
	PPTP VPN Server
	L2TP VPN Server
	WireGuard VPN Server
VPN Client	Open VPN Client
	PPTP VPN Client
	L2TP VPN Client
	WireGuard VPN Client
WiFi Encryption	WPA
	WPA2
	WPA3
	WPA/WPA2-Enterprise (802.1x)
HARDWARE	
Ethernet Ports	1x 10 Gbps WAN/LAN
	1x 2.5 Gbps WAN/LAN
	3x 1 Gbps LAN
USB Support	1x USB 3.0
	Supported Partition Formats:
	NTFS, exFAT, HFS+, FAT32
	Supported Functions:
	FTP Server
	Media Server
	Samba Server
Buttons	On/Off Button
	Wi-Fi/LED Button
	WPS Button
	Reset Button
Power	12 V ~ 2.5 A
SOFTWARE	
Protocol	IPv4
	IPv6
Service Kit	HomeShield
EasyMesh	Compatible with EasyMesh

ComX Computers

Product Specification Sheet

Parental Controls	HomeShield Parental Controls
	Custom Profiles
	Professional Content Filter Library
	Family Time
	Bedtime
	Off Time
	Time Rewards
	Family Online Time Ranking
	Pause the Internet
	Weekly and Monthly Reports
WAN Type	Dynamic IP
	Static IP
	PPPoE
	PPTP
	L2TP
Quality of Service	QoS by Device
Cloud Service	Auto Firmware Upgrade
	TP-Link ID
	DDNS
NAT Forwarding	Port Forwarding
	Port Triggering
	DMZ
	UPnP
IPTV	IGMP Proxy
	IGMP Snooping
	Bridge
	Tag VLAN
DHCP	Address Reservation
	DHCP Client List
	Server
DDNS	TP-Link
	NO-IP
	DynDNS
Management Features	Tether App
	Webpage
OTHER	

Network Services Enabled by Default	Web Server
	Manage and configure device through web (HTTP/HTTPS)
	Port: 80/443 Protocol: TCP
	DNS
	Port: 53 Protocol: TCP & UDP
	DHCP Server
	IP address assignment (DHCP)
	Port: 67 Protocol: UDP
	App management
	Manage and configure device through app
	Port: 20001 Protocol: TCP
	Port: 30001 Protocol: TCP
	Port: 20002 Protocol: UDP
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
	Cable or DSL Modem (if needed)
	Subscription with an internet service provider (for internet access)
Certifications	CE, FCC, RoHS
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF ~104degreesF)
	Operating Humidity: 10%~90% non-condensing

FAQ

What is WiFi 7 and how does it improve performance?

WiFi 7 is the latest wireless standard that offers higher speeds, lower latency, and better efficiency compared to previous generations. It allows smoother streaming, faster downloads, and improved performance in busy networks.

Is the TP-Link Archer BE450 suitable for gaming and streaming?

Yes, the router is designed for high-performance tasks such as online gaming and 4K or 8K streaming. Its high speeds and low latency features ensure a stable and responsive connection.

Can this router be used with mesh systems?

Yes, it is EasyMesh compatible, allowing you to expand your network with additional devices to achieve seamless coverage throughout your home.

Does the router support advanced security features?

Yes, it includes TP-Link HomeShield which provides real-time protection, parental controls, and network monitoring to keep your data and devices secure.

Is it compatible with all internet providers?

Yes, the Archer BE450 supports all major internet providers and is compatible with a wide range of devices and WiFi standards.

Product Information Online

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

Product page: <https://www.comx.co.za/ARCHER-BE450-TP-Link-ARCHER-BE450-BE7200-Dual-Band-Buy-p-335570.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx.co.za/terms-of-sale.php>

PDF generated: 2026-10-25 16:12:24.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.