ComX Computers
Product Specification Sheet

TP Archer AX72

TP-Link Archer AX72 - AX5400 Dual-Band Gigabit Wi-Fi 6 Router

Product Overview

TP-Link Archer AX72 - AX5400 Dual-Band Gigabit Wi-Fi 6 Router, IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11ax/n/b/g 2.4 GHz, 5 GHz 4804 Mbps (802.11ax, HE160), 2.4 GHz 574 Mbps (802.11ax), 6x fixed High-Performance antennas, Router mode / Access Point mode, 1x Gigabit WAN Port, 4x Gigabit LAN Ports, 1x USB 3.0 Port









Specifications

Overview Summary:

Upgrade your home or office network with the TP-Link Archer AX72, the ultimate AX5400 Dual-Band Gigabit Wi-Fi 6 Router available now in South Africa. This powerful router delivers ultra-fast speeds of up to 5400 Mbps, ensuring seamless 8K streaming, lag-free gaming, and simultaneous connections for over 100 devices without congestion. Equipped with advanced features like HomeShield security, Beamforming technology, and a high-performance cooling design, it provides reliable coverage throughout your entire home or business premises.

Experience the future of connectivity with Wi-Fi 6 upgrades that offer less lag and higher capacity for all your smart devices. Whether you are working from home, streaming movies in 4K resolution, or managing a busy network of IoT gadgets, this router handles it all with ease. Set up your new network in minutes using the intuitive Tether App and enjoy robust protection against online threats. Don't wait to improve your internet experience; buy now and get ready for faster browsing today.

Performance tier: High

Uses:8K streaming, gaming, smart home connectivity, media sharing, work from home, large area coverage

Overview:

The TP-Link Archer AX72 is a cutting-edge Wi-Fi 6 router designed to transform your home internet experience with blazing speeds and unmatched reliability. As the latest generation of wireless technology, it delivers up to 5400 Mbps across dual bands, ensuring smooth 8K streaming, lag-free gaming, and rapid file downloads even when multiple devices are connected simultaneously. With its robust hardware featuring a powerful 1 GHz dual-core processor and six high-performance antennas, this router provides extensive coverage that reaches every corner of your home, including kitchens and bedrooms.

Description:

The Archer AX72 combines advanced Wi-Fi 6 capabilities with intuitive design to offer a seamless network solution. It supports over 100 devices without congestion thanks to OFDMA and MU-MIMO technology, while HomeShield provides essential security against DDoS attacks and IoT threats. The device features an upgraded ventilation system to prevent overheating during intensive use, includes a USB 3.0 port for media sharing, and allows for effortless setup via the Tether mobile app.

Upgrading to Wi-Fi 6 means your network is future-proofed with superior efficiency and capacity. The AX72 utilizes HE160 technology on the 5 GHz band to double bandwidth compared to previous standards, while 1024-QAM modulation boosts speeds by 25 percent. Whether you are streaming multiple 8K videos or handling a household full of smart home devices, the router maintains stability and low latency.

Features:

Wireless Performance and Coverage
This dual-band router is engineered to handle heavy traffic with ease. The combination of Beamforming, High-Power FEM, and 4T4R architecture ensures that signal strength is concentrated directly toward your devices rather than radiating in all directions equally. This targeted approach extends the effective range significantly.

- Dual-Band AX5400 speeds for maximum throughput
- 6x fixed High-Performance antennas with advanced array design
- Beamforming technology to focus wireless signals toward clients
- High-Power FEM for improved transmission power and coverage
- 4T4R structure on 5 GHz band for enhanced fault tolerance
- Coverage suitable for up to 3-bedroom houses

Data transmission is optimized through OFDMA, which allows different devices to share a single transmission stream efficiently. Simultaneously, MU-MIMO enables the router to communicate with multiple clients at once using separate streams. This dual-approach drastically reduces congestion and quadruples average throughput in busy environments.

Security and Smart Management
Safety is paramount for modern home networks, which is why this router integrates TP-Link HomeShield security services powered by Avira. It actively scans for threats, blocks malicious websites, and protects IoT devices like cameras and voice assistants from potential vulnerabilities.

- DDoS Attack Prevention to block abnormal incoming traffic
- Enhanced IoT Security that identifies and secures connected smart devices
- Robust Parental Controls including content filtering and time limits
- Real-time network scanning for new or suspicious connections
- Comprehensive reports on network activity and security status

The device also supports advanced parental controls that allow you to create custom profiles, set family times, manage

bedtime schedules, and pause the internet instantly. You can view weekly and monthly rankings of online time usage to keep your family safe online.

Hardware Specifications and Connectivity
Built for performance and versatility, the Archer AX72 includes a 1 GHz dual-core CPU and a range of ports designed for high-speed connectivity. The inclusion of OneMesh technology allows you to expand your network coverage seamlessly using compatible TP-Link extenders without needing a complex new ecosystem.

- 1x Gigabit WAN Port for high-speed internet input
- 4x Gigabit LAN Ports for wired connections
- 1x USB 3.0 port supporting Time Machine, FTP, and media server functions
- Supports NTFS, exFAT, HFS+, and FAT32 file systems
- Buttons for Wi-Fi On/Off, Power, LED control, WPS, and Reset

For users requiring remote access or advanced networking setups, the router supports various WAN types including Dynamic IP, Static IP, PPPoE, PPTP, and L2TP. It also features NAT forwarding capabilities such as Port Forwarding, DMZ, UPnP, and Virtual Server configurations.

What's in the box
Your purchase includes all necessary components to get your high-speed network up and running immediately. The package is designed for easy installation with clear documentation.

- Archer AX72 Wi-Fi Router
- Power Adapter (12V 2.5A)
- RJ45 Ethernet Cable
- Quick Installation Guide

The router operates efficiently within a temperature range of 0degrees C to 40degrees C and is certified by FCC, CE, and RoHS standards. Its physical dimensions are 10.7 x 5.8 x 1.9 inches, featuring a contemporary scaled armor design with an optimized vent area for superior heat dissipation.

The product part number for this model is TP Archer AX72, ensuring you receive the exact specification required for your upgrade. This device represents a significant leap in home networking technology, delivering speed, security, and reliability for the modern digital lifestyle.

Specifications:

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Specifications	
Product Code	TP Archer AX72
WIRELESS	
Standards	Wi-Fi 6
	IEEE 802.11ax/ac/n/a 5 GHz
	IEEE 802.11ax/n/b/g 2.4 GHz
WiFi Speeds	AX5400
	5 GHz: 4804 Mbps (802.11ax, HE160)
	2.4 GHz: 574 Mbps (802.11ax)

WiFi Range	3 Bedroom Houses
	6x Fixed High-Performance 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
	High-Power FEM
	Improves transmission power to strengthen signal coverage
	4T4R
	Multiple streams in the same band strengthen the fault tolerance in transmission
WiFi Capacity	High
	Dual-Band
	Allocate devices to different bands for optimal performance
	4x4 MU-MIMO
	Simultaneously communicates with multiple MU-MIMO clients
	OFDMA
	Simultaneously communicates with multiple Wi-Fi 6 clients
	Airtime Fairness
	Improves network efficiency by limiting excessive occupation
	DFS
	Access an extra band to reduce congestion
	6 Streams
	Connect your devices to more bandwidth
Working Modes	Router Mode
	Access Point Mode
HARDWARE	
Processor	1 GHz Dual-Core CPU
Ethernet Ports	1x Gigabit WAN Port
	4x Gigabit LAN Ports
USB Support	1x USB 3.0 Port
	Supported Partition Formats:
	NTFS, exFAT, HFS+, FAT32
	Supported Functions:
	Apple Time Machine
	FTP Server
	Media Server
	Samba Server

Buttons	Wi-Fi On/Off Button
	Power On/Off Button
	LED On/Off Button
	WPS Button
	Reset Button
Power	12 V 2.5 A
SECURITY	
WiFi Encryption	WPA
	WPA2
	WPA3
	WPA/WPA2-Enterprise (802.1x)
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
VPN Server	OpenVPN
	PPTP
SOFTWARE	
Protocols	IPv4
	IPv6
Service Kits	HomeShield
OneMesh	OneMesh Supported
	Without replacing your existing devices or buying a whole new WiFi ecosystem, OneMesh helps you create a more flexible network that covers your entire home with TP-Link OneMesh products.
	All OneMesh Products>

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 Types	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
	Virtual Server
IPTV	IGMP Proxy
	IGMP Snooping
	Bridge
	Tag VLAN
DHCP	Address Reservation
	DHCP Client List
	Server
DDNS	TP-Link
	NO-IP
	DynDNS
Management	Tether App
	Webpage
PHYSICAL	

Dimensions (WxDxH)	10.7 x 5.8 x 1.9 in
	(272.5 x 147.2 x 49.2 mm)
Package Contents	Wi-Fi Router Archer AX72
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
OTHER	
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	FCC, CE, RoHS
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF ~104degreesF)
	Storage Temperature: -40degreesC~70degreesC (-40degreesF ~158degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing
TEST DATA	
WiFi Transmission Power	CE:
	FCC:

WiFi Reception Sensitivity	2.4GHz:
	11ac VHT20 MCS0:-94.5dBm
	11ac VHT20 MCS8:-72.5dBm
	11ac VHT40 MCS0:-92.5dBm
	11ac VHT40 MCS9:-69.5dBm
	11ax HE20 MCS0:-95dBm
	11ax HE20 MCS11:-64.5dBm
	11ax HE40 MCS0:-92.5dBm
	11ax HE40 MCS11:-62dBm
	5GHz:
	11ac VHT20 MCS0:-97dBm
	11ac VHT20 MCS8:-74dBm
	11ac VHT40 MCS0:-95dBm
	11ac VHT40 MCS9:-70dBm
	11ac VHT80 MCS0:-91.5dBm
	11ac VHT80 MCS9:-66dBm
	11ac VHT160 MCS0:-86dBm
	11ac VHT160 MCS9:-61dBm
	11ax HE20 MCS0:-95dBm
	11ax HE20 MCS11:-64dBm
	11ax HE40 MCS0:-91.5dBm
	11ax HE40 MCS11:-62dBm
	11ax HE80 MCS0:-88dBm
	11ax HE80 MCS11:-58dBm
	11ax HE160 MCS0:-85.5dBm
	11ax HE160 MCS11:-55dBm

FAQ

What is the maximum WiFi speed of the TP-Link Archer AX72?
The Archer AX72 delivers AX5400 speeds, with up to 4804 Mbps on the 5 GHz band and 574 Mbps on the 2.4 GHz band.

Can this router handle many devices simultaneously?
Yes, the Archer AX72 supports over 100 connected devices using MU-MIMO and OFDMA technology to reduce congestion and improve throughput for streaming and gaming.

What security features are included with this Wi-Fi 6 router?:

The device includes TP-Link HomeShield, which provides DDoS attack prevention, real-time IoT protection against malicious sites, and robust parental controls to manage online time and block content.

Does the Archer AX72 support USB storage sharing?

Yes, it features a 1x USB 3.0 port that supports media sharing, private cloud building, Apple Time Machine backups, and various server functions like FTP and Samba.

How is the router set up and managed?
You can easily configure the router in minutes using the Tether app on Android or iOS devices, or by accessing the web interface via standard browsers.

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/TP-Archer-AX72-TP-Link-Archer-AX72-AX5400-Dual-Band-Gigabit-Wi-Fi-6-Router-p-342221.php

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