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Product Specification Sheet

NET-ARCHER-MR505

TP-Link Archer MR505 4G+ CAT6 Gigabit Dual Band WiFi Router

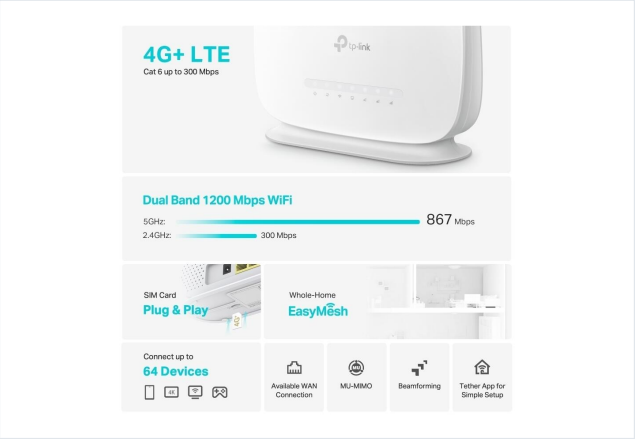
Product Overview

TP-Link Archer MR505 4G+ CAT6 Gigabit Dual Band WiFi Router, 1x Gigabit LAN/WAN Port, 2x Gigabit LAN Ports, 1x Nano SIM Card slot, 2x external SMA-F antenna Interface, 2 detachable external LTE antennas, 300 Mbps at 2.4GHz, 867 Mbps at 5GHz











Specifications

Overview Summary:

The TP-Link Archer MR505 4G+ CAT6 Gigabit Dual Band WiFi Router offers seamless internet connectivity with simple plug-and-play SIM functionality. Ideal for homes, farms, holiday properties, and small businesses, it provides dual-band WiFi speeds of up to 867 Mbps on 5 GHz and 300 Mbps on 2.4 GHz. With full gigabit ports and support for up to 64 devices simultaneously, this router ensures reliable wired and wireless connections. Easily set up and manage your network with the intuitive Tether app and enjoy stable internet anywhere in South Africa. Shop now for a fast and dependable connection.

Performance tier: High

Uses: Home internet, small business network, holiday homes, farms, temporary stores, streaming, gaming, multiple device connections

Overview:

TP-Link Archer MR505 4G+ Cat6 Dual Band Gigabit Router for High-Speed Connectivity
Stay connected wherever you are with the TP-Link Archer MR505, a 4G+ Cat6 AC1200 dual band gigabit router designed for fast, reliable internet access. This versatile router delivers seamless connections for home, small business, or temporary setups without the hassle of traditional broadband installations. Its plug-and-play SIM card functionality ensures you can get online in minutes, while full gigabit ports support wired devices for high-demand applications. MU-MIMO and beamforming technology boost network efficiency and coverage, so multiple devices can connect simultaneously without slowing down your Wi-Fi.

Description:

The Archer MR505 combines 4G+ LTE speeds with dual band Wi-Fi to provide up to 867 Mbps on 5 GHz and 300 Mbps on 2.4 GHz. Its EasyMesh compatibility allows you to expand coverage throughout your home or office, eliminating dead zones. Connect up to 64 devices at once, with three gigabit LAN ports available for wired connections. Manage your network effortlessly through the Tether app, offering parental controls, device prioritization, and remote access. With support for over 100 SIM cards worldwide, this router ensures reliable internet wherever you go.

Features:

High-Speed 4G+ LTE for Flexible Internet Access
Archer MR505 delivers superfast 4G+ LTE connections using carrier aggregation to boost download speeds up to 300 Mbps. Dual band Wi-Fi provides 867 Mbps at 5 GHz for bandwidth-heavy tasks like HD streaming and gaming, while 300 Mbps at 2.4 GHz handles everyday browsing and social media. Its plug-and-play SIM card feature removes complicated setups, making it ideal for vacation homes, pop-up shops, farms, and temporary offices.

Reliable Connections for Multiple Devices
Perfect for small businesses or busy households, this router supports simultaneous connections for up to 64 devices. Wired connections are supported via three gigabit LAN ports, ensuring smooth operation for desktops, game consoles, or IPTV systems. Key technologies include:

- MU-MIMO for efficient multi-device communication
- Beamforming to focus Wi-Fi signals where needed
- External antennas with amplifiers for extended coverage
- Powerful CPU for stable, uninterrupted data processing

Expand Wi-Fi Coverage with EasyMesh

Eliminate dead zones by adding additional EasyMesh-compatible routers or range extenders to create a seamless whole-home network. Enjoy smart roaming with uninterrupted streaming and a single Wi-Fi name across all connected devices. Features include:

- Full home Wi-Fi coverage
- Automatic network optimization for smooth roaming
- Compatible with EasyMesh routers and range extenders

Backup Options with WAN Connectivity
The Archer MR505 includes a flexible WAN/LAN port for connection to cable, fiber, or DSL networks. This ensures reliable wired or wireless internet for all connected devices, maintaining high performance even when 4G is unavailable.

Simple Setup and Network Management
Setup is easy with the Tether app, available for both Android and iOS. Manage network settings, control access, set up parental controls, and monitor connected devices from your smartphone. Automatic firmware updates keep your network optimized and secure.

Technical Highlights

- Interface: 1 x Gigabit LAN/WAN, 2 x Gigabit LAN, 1 x Nano SIM slot
- Antennas: 2 detachable external LTE antennas
- Wireless Speed: 867 Mbps (5 GHz), 300 Mbps (2.4 GHz)
- Supported Bands: 4G/3G FDD-LTE B1/B3/B5/B7/B8/B20/B28, TDD-LTE B38/B40/B41, DC-HSPA+/HSPA/UMTS B1/B3/B5/B8
- Wireless Security: WEP, WPA/WPA2/WPA3 Personal & Enterprise
- Management: TP-Link Cloud, local and remote management, Tether app support
- Environmental Specs: Operating temperature 0~40degrees C, humidity 10~90% non-condensing

Package Includes
4G+ Cat6 AC1200 Dual Band Gigabit Router Archer MR505, 1.5m power adapter, RJ45 Ethernet cable, Quick Installation Guide

The TP-Link Archer MR505 is the perfect solution for fast, flexible, and reliable internet, whether at home, a business, or a temporary setup. Its high-speed 4G+ LTE, dual band Wi-Fi, and EasyMesh compatibility deliver strong, uninterrupted connectivity for every device.

Specifications:

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Specifications	
Product Code	NET-ARCHER-MR505
HARDWARE FEATURES	
Interface	1 x 10/100/1000 Mbps LAN/WAN Port
	2 x 10/100/1000 Mbps LAN Ports
	1 x Nano SIM Card Slot
	2 x External SMA-F Antenna Interface
Power Supply	12V/1.5A

Dimensions (W x D x H)	212 x 157.5 x 57 mm (8.35 x 6.20 x 2.24 in)
Antenna	2 Detachable External LTE Antennas
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11a/n/ac 5 GHz, IEEE 802.11b/g/n 2.4 GHz
Frequency	2.4 GHz and 5 GHz
Signal Rate	300 Mbps at 2.4 GHz, 867 Mbps at 5 GHz
Reception Sensitivity	5 GHz: 11a 54M: -77 dBm
	11ac HT20: -73 dBm
	11ac HT40: -68 dBm
	11ac HT80 : -64 dBm
	11n HT20: -77 dBm
	11n HT40: -73 dBm
	2.4 GHz: 11g 54M: -74 dBm
	11n HT20: -72 dBm
	11n HT40: -69 dBm
Wireless Functions	Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics
WAN Failover	Yes
Wireless Security	64/128-bit WEP, WPA/WPA2/WPA3 Personal, WPA/WPA2/WPA3 Enterprise
Transmission Power	< 20 dBm (2.4 GHz), < 23 dBm (5 GHz)
Network Type	Compatible with the majority of mobile operators and supports 4G/3G:
	FDD-LTE: B1/B3/B5/B7/B8/B20/B28
	(2100/1800/850/2600/900/800/700 MHz)
	TDD-LTE: B38/B40/B41
	(2600/2300/2500 MHz)
	DC-HSPA+/HSPA/UMTS: B1/B3/B5/B8
	(2100/850/900 MHz)
SOFTWARE FEATURES	
Quality of Service	Prioritizes network traffic by device
Security	DoS, IPv4 SPI Firewall, IPv6 Firewall, IP and MAC Address Binding, Access Control, Service Filtering
WAN Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
Management Features	TP-Link Cloud, Local Management, Remote Management
DHCP	Server, DHCP Client List, Address Reservation
Port Forwarding	ALG, Virtual Server, Port Triggering, UPnP, DMZ
Dynamic DNS	TP-Link, DynDns, NO-IP
VPN	VPN Server: PPTP VPN, OpenVPN
Parental Controls	URL Filtering, Time Controls

Protocols	IPv4, IPv6
Guest Network	2.4 GHz Guest Network x 1, 5 GHz Guest Network x 1
OTHER	
Network Services Enabled by Default	Web Server
	Manage and configure device through web (HTTP/HTTPS)
	Port: 80/443 Protocol: TCP
	DHCP Server
	IP address assignment (DHCP)
	Port: 67 Protocol: UDP
	DNS
	DNS
	Port: 53 Protocol: TCP
	App management
	Manage and configure device through app
	Port: 22/20002 Protocol: TCP
OTHERS	
Certification	CE, RoHS
Package Content	4G+ Cat6 300 Mbps LTE AC1200 Wireless Dual Band Gigabit Router Archer MR505
	1.5m Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF ~104degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

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/NET-ARCHER-MR505-TP-Link-Archer-MR505-4G-CAT6-Gigabit-Dual-Band-WiFi-Router-p-334835.php

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