ComX Computers
Product Specification Sheet

TP RE220

TP-Link RE220 AC750 Wi-Fi Range Extender

Product Overview

TP-Link RE220 AC750 Wi-Fi Range Extender, 1x 10/100 Mbit Ethernet Port (RJ45), 3 x internal antenna, 5GHz up to 433 Mbps, 2.4GHz up to 300 Mbps









Specifications

Overview Summary:

Expand your wireless network coverage effortlessly with the TP-Link RE220 AC750 Wi-Fi Range Extender, now available in South Africa. This dual-band device delivers powerful speeds up to 750Mbps, effectively eliminating dead zones in hard-to-reach areas of your home. Whether you are streaming high-definition videos or engaging in bandwidth-intensive online gaming, this extender ensures a stable and fast connection for up to 32 devices simultaneously.

The compact design allows for flexible wall-mounted placement, while the single Ethernet port lets you connect wired devices directly. Setup is incredibly simple using the WPS button or the TP-Link Tether app on your smartphone. Enhance your digital lifestyle today and buy now to experience uninterrupted internet access throughout your entire property.

Performance tier: High

Uses: Home networking, HD video streaming, online gaming, eliminating Wi-Fi dead zones, connecting wired devices via Ethernet port

Overview:

The TP-Link RE220 AC750 Wi-Fi Range Extender is designed to expand your existing wireless network, reaching areas that previously suffered from poor signal or dead zones. This compact device seamlessly connects between your router and your devices, ensuring a stable connection for HD video streaming, online gaming, and other bandwidth-heavy activities. With dual-band technology delivering speeds up to 750 Mbps, it maximizes the performance of your high-speed internet plan while supporting up to 32 connected devices simultaneously.

Description:

The TP-Link RE220 offers a powerful solution for extending Wi-Fi coverage without complex cabling. Its miniature wall-mounted design allows for flexible placement in any room, while the included Ethernet port enables wired connections for smart TVs or gaming consoles. Whether used as a range extender or an access point, this device ensures you stay connected throughout your home with reliable speeds on both 2.4GHz and 5GHz bands.

Features:

Extending Coverage to Hard-to-Reach Areas
Placing the RE220 between your router and wireless devices effectively eliminates dead zones, extending coverage by up to 32,000 square feet when paired with a compatible router. The dual-band system utilizes both 5GHz and 2.4GHz frequencies to maintain high speeds for bandwidth-intensive tasks while ensuring every corner of your home receives a strong signal.

The device supports seamless connectivity for up to 32 devices, making it ideal for households with multiple smartphones, tablets, and smart home gadgets. Its High Speed Mode dedicates one band for the backhaul connection and the other for user access, preventing speed drops that often occur during heavy network usage.

Flexible Connectivity Options
Beyond extending wireless signals, this unit features a 10/100 Mbps Ethernet port that transforms it into a wireless adapter or access point. This versatility allows you to connect wired devices directly to the extender, bridging the gap between your existing network and stationary equipment like printers or gaming consoles.

- Dual-band AC750 speeds up to 433 Mbps on 5GHz and 300 Mbps on 2.4GHz
- Supports IEEE 802.11ac/n/g/b standards for universal compatibility
- Equipped with three internal antennas for optimized signal distribution
- Compatible with Android and iOS via the TP-Link Tether app

Setting up your network is a straightforward process that typically takes just two steps. You can press the WPS button on both your router and the extender to establish an immediate connection, or utilize the web interface if your router does not support WPS. For those who prefer mobile management, the Tether app allows you to configure settings and monitor network status directly from a smartphone.

Technical Specifications:

- Frequency: 2.4GHz & 5GHz
- Signal Rate: Up to 433 Mbps (5GHz) and up to 300 Mbps (2.4GHz)
- Interface: 1 x 10/100M Ethernet Port (RJ45)
- Dimensions: 4.3 x 2.6 x 3.0 inches (110.0 x 65.8 x 75.2mm)
- Power Consumption: Approximately 6.5W
- Antenna Type: 3 x Internal Antennas

The RE220 ensures robust security with support for WPA and WPA2-PSK encryption, protecting your network from

unauthorized access. It operates efficiently within a temperature range of 0 to 40 degrees Celsius and maintains performance even in varying humidity levels, making it suitable for diverse indoor environments.

What's in the box

- TP-Link AC750 Wi-Fi Range Extender RE220
- Quick Installation Guide

Specifications:

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Specifications	
Product Code	TP RE220
HARDWARE FEATURES	
Plug Type	EU, UK, US, AU
Standards and Protocols	IEEE802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Interface	1 x 10/100M Ethernet Port (RJ45)
Button	RE (Range Extender) Button, Reset Button
Power Consumption	About 6.5W
Dimensions (W x D x H)	4.3x 2.6 x 3.0in. (110.0 x 65.8 x 75.2mm)
Antenna	3 x internal
WIRELESS FEATURES	
Frequency	2.4GHz & 5GHz
Signal Rate	5GHz:Up to 433Mbps
	2.4GHz:Up to 300Mpbs

Reception Sensitivity	2.4G:
	270M: -70dBm@10% PER
	130M: -70dBm@10% PER
	108M: -73dBm@10% PER
	54M: -75dBm@10% PER
	11M: -86dBm@8% PER
	6M: -92dBm@10% PER
	1M: -94dBm@8% PER
	5G:
	390M: -60dBm@10% PER
	29.3M: -83dBm@10% PER
	180M: -64dBm@10% PER
	13.5M: -87dBm@10% PER
	78M: -68dBm@10% PER
	6.5M: -90dBm@10% PER
	54M: -75dBm@10% PER
	6M : -90dBm@10% PER
Transmit Power	< 20 dBm (EIRP)
Wireless Modes	Range Extender
Wireless Functions	WMM (Wi-Fi Multimedia)
	Wireless Statistic
	Domain Login Function
Wireless Security	64/128/152-bit WEP
	WPA-PSK / WPA2-PSK
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	AC750 Wi-Fi Range Extender RE200
	Quick Installation Guide
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 7, 8, 10, Mac OS, NetWare, UNIX or Linux.
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

FAQ

What areas of my home will the RE220 cover?

The AC750 Wi-Fi Range Extender can expand coverage up to 32,000 sq. ft. when used with a router, effectively eliminating

dead zones for HD streaming and gaming.

How do I set up this extender if my router doesn't have WPS?
While you can use the WPS button for easy setup, alternative methods include using the TP-Link Tether app on Android or iOS devices or configuring it via a web browser interface.

Can I connect wired devices like smart TVs to this wireless extender?
Yes, the single 10/100M Ethernet port allows you to use the RE220 as a wireless adapter for wired devices or convert your existing connection into a wireless access point.

Will this work with my current router brand?
The TP-Link RE220 offers universal compatibility and works with any existing Wi-Fi router or access point supporting 802.11 b/g/n/ac standards.

Does the extender support multiple devices simultaneously without lag?
Yes, the dual-band technology supports up to 32 connected devices, utilizing separate 2.4GHz and 5GHz bands to provide a stable connection for bandwidth-intensive tasks.

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-RE220-TP-Link-RE220-AC750-Wi-Fi-Range-Extender-p-342212.php

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