# TP-LINK®
The Reliable Choice

# AC 1900
## Wi-Fi Range Extender
## RE580D

## Highlights

- **Superfast Wi-Fi** – Simultaneous 600Mbps on 2.4GHz + 1300Mbps on 5GHz totals 1900Mbps Wi-Fi speeds
- **Maximum Range** – 3 dual band external antennas and high powered amplifiers eliminate "dead zones" and greatly extend your existing wireless coverage
- **Beamforming Technology** – Delivers highly targeted and efficient wireless connections
- **Dual Core 1 GHz Processor** – Ensures no interruption when simultaneously processing multiple wireless or wired tasks
- **5 Gigabit Ethernet Ports** – Act as a wireless adapter to connect wired devices to your network at gigabit speed
- **High Speed Mode** – Creates a lightning fast wireless connection for bandwidth-intensive tasks

| Dual Band 2.4 & 5 GHz | 600Mbps+ 1300Mbps | Beamforming Technology | Dual Core 1 GHz CPU | Gigabit LAN Port | TP-LINK Tether App |
|---|---|---|---|---|---|

Available on the App Store
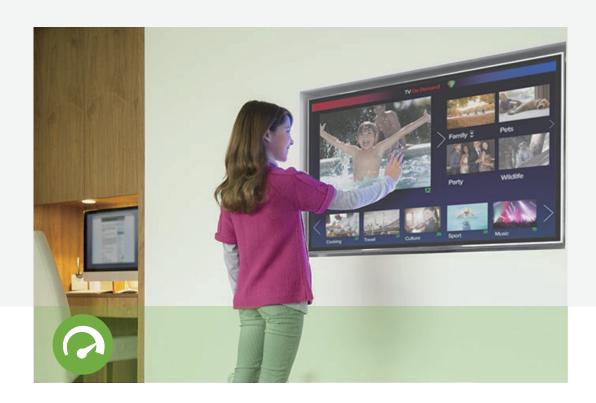
ANDROID APP ON Google play

# Features

## Speed

· **Blazing Fast Wi-Fi Speed** – For combined wireless speeds of up to 1.9Gbps at 2.4Ghz & 5GHz band concurrently.

· **5 Gigabit Ethernet Ports** – Act as a wireless adapter to connect wired devices at gigabit speed.

· **High Speed Mode** – With High-Speed technology, RE580D makes the best use of both Wi-Fi bands to establish super speedy connections, ideal for bandwidth-intensive tasks.

## Wi-Fi Range

· **Beamforming Technology** – Delivers highly targeted and efficient wireless connections.

· **Ultimate Range & Reliable Wi-Fi** – High-powered amplifiers extend your existing Wi-Fi coverage to eliminate "dead zones".

· **3 Dual Band Antennas** – 3 dual band external antennas provide maximum Omni-directional wireless coverage and reliability.
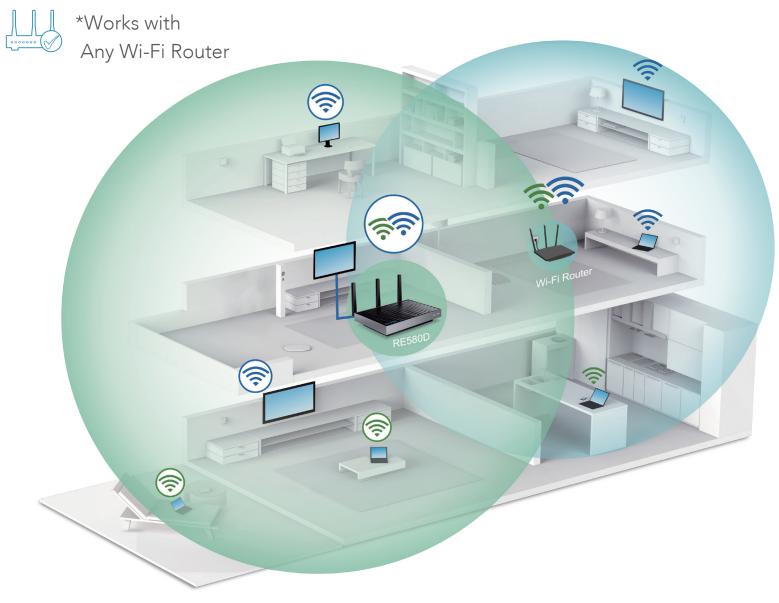
## Ease of Use

· **Smart Signal Indicator** – Smart signal lights help to find the best location for optimal Wi-Fi coverage by showing the signal strength.

· **One Button Encryption** – Press the WPS button on your router and the Range Extender button on your RE580D within 2 minutes to easily connect to the network.

· **Universal Compatibility** – Works with any Wi-Fi router or wireless access point.
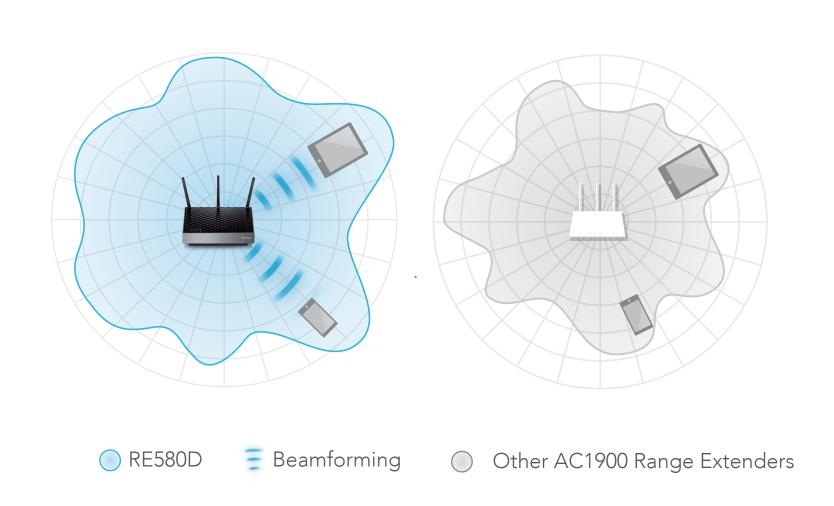
# Boost Wi-Fi Coverage

RE580D boosts your existing Wi-Fi range & delivers faster wireless speed in hard-to-reach area, providing reliable connections for laptops, smartphones, tablets and other wireless-enabled devices.

*Works with Any Wi-Fi Router

Wi-Fi Router

RE580D

5GHz 1300Mbps Wi-Fi
2.4GHz 600Mbps Wi-Fi
Existing Router Coverage
Expanded Extender Coverage
Ethernet Cable

# Beamforming Technology

Beamforming concentrates the Wi-Fi signal towards your devices, focusing the data transmission toward the most-needed directions. Superior Wi-Fi bandwidth utilization increases Wi-Fi range, delivering highly targeted and efficient Wi-Fi connections.

RE580D          Beamforming          Other AC1900 Range Extenders

TP-LINK® AC1900 Wi-Fi Range Extender RE580D

# Specifications

## Hardware

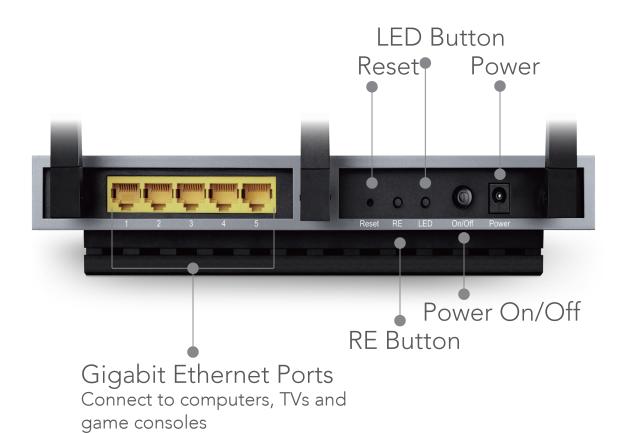- **Interfaces:** 5*10/100/1000Mbps Ethernet Ports(RJ45)
- **Button:** RE (Range Extender) Button, Reset Button, LED Button, Power Button
- **External Power Supply:** 12V/2.5A
- **Dimensions (W X D X H):** 9.5x 6.4 x 1.7 in. (242 x 162 x 44mm)
- **Antenna:** 3 dual band detachable antennas
- **Maximum Output Power:** 700mW

LED Button
Reset    Power

Power On/Off

RE Button

Gigabit Ethernet Ports
Connect to computers, TVs and
game consoles

## Wireless

- **Wireless Standards:** IEEE 802.11a/ac, IEEE 802.11b/g/n
- **Frequency:** 2.4GHz & 5GHz(11ac)
- **Signal Rate:** Up to 1300Mbps @5GHz, Up to 600Mbps @2.4GHz
- **Reception Sensitivity:**  2.4GHz:
  - 11g 54M: -76dBm@10% PER
  - 11n HT20 MCS7: -73dBm@10% PER
  - 11n HT40 MCS7: -70.5dBm@10% PER
  - 5GHz:
  - 11a 6Mbps:-92dBm@10% PER
  - 11a 54Mbps: -74dBm@10% PER
  - 11ac HT20 MCS8: -66dBm@10% PER
  - 11ac HT40 MCS9: -62dBm@10% PER
  - 11ac HT80 MCS9: -58.5dBm@10% PER
- **Transmit Power:** CE: <20dBm(2.4GHz), <23dBm(5GHz)
  - FCC: <30dBm
- **Wireless Modes:** Range Extender
- **Wireless Functions:** Wireless Statistic, Concurrent Mode boost both 2.4G/5G WiFi band, High Speed Mode for great speed for HD Gaming and video, Access Control, LED Control, Domain Login Function
- **Wireless Security:** 64/128-bit WEP, WPA-PSK / WPA2-PSK

# Specifications

## Others

**Package Contents**

· AC1900 Wi-Fi Range Extender RE580D

· 3 detachable antennas

· Power adapter

· RJ-45 Ethernet Cable

· Quick Installation Guide

**Certification**

· CE, FCC, RoHS

**System Requirements**

· Microsoft® Windows® 98SE, NT, 2000, XP, Vista or Windows 7, 8, 8.1, Mac® OS, NetWare®, UNIX® or Linux.

**Environment**

· Operating Temperature: 0℃~40℃ (32℉~104℉)

· Storage Temperature: -40℃~70℃ (-40℉~158℉)

· Operating Humidity: 10%~90% non-condensing

· Storage Humidity: 5%~90% non-condensing

# Others

## Similar Products



- AC1750 Wi-Fi Range Extender RE450



- AC750 Wi-Fi Range Extender RE210

For more information, please visit

http://tp-link.com/en/products/details/?categoryid=&model=RE580D

or scan the QR code left

*www.tp-link.com*