

# 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



# 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.




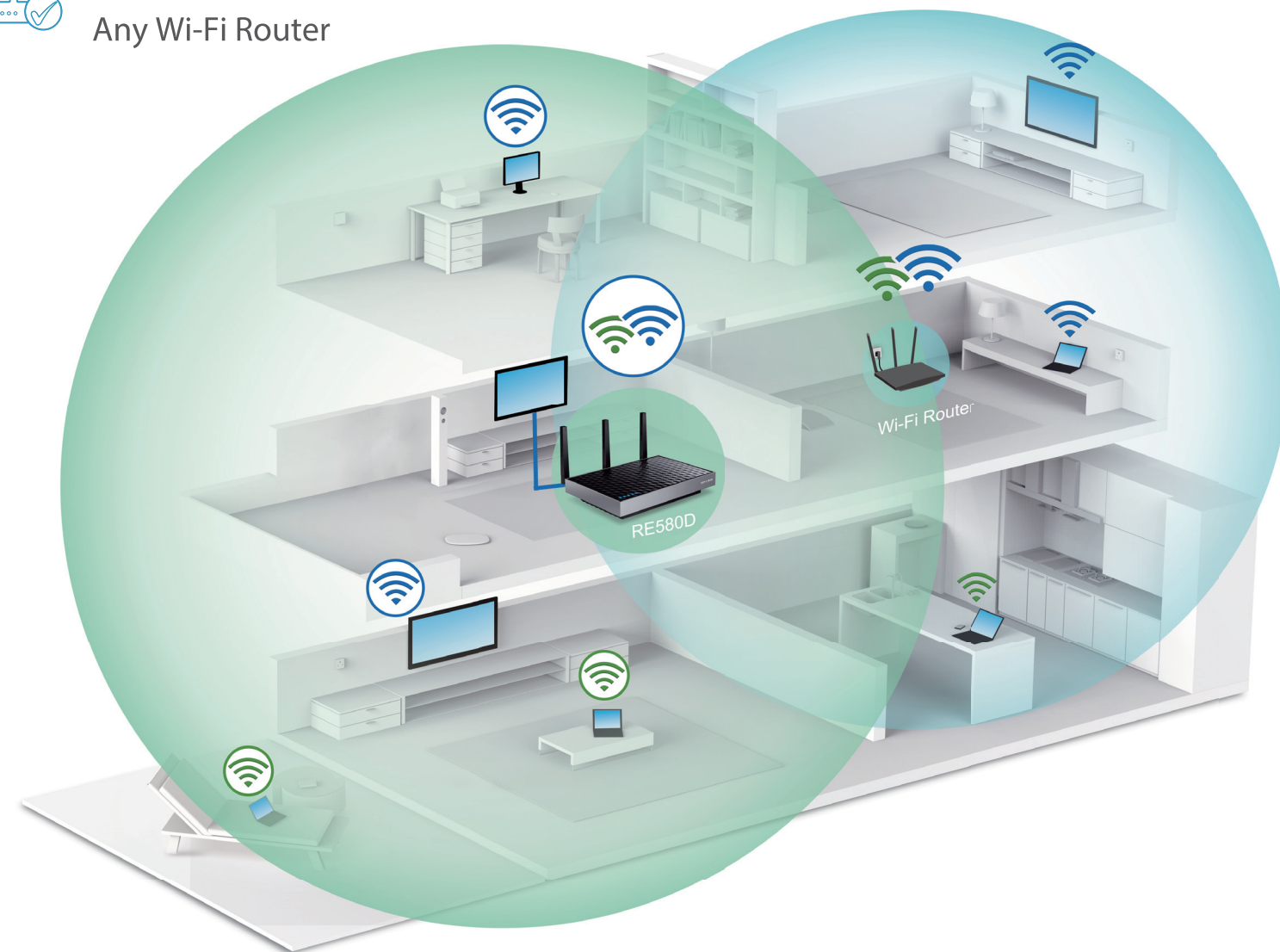
## Ease of Use






- **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.

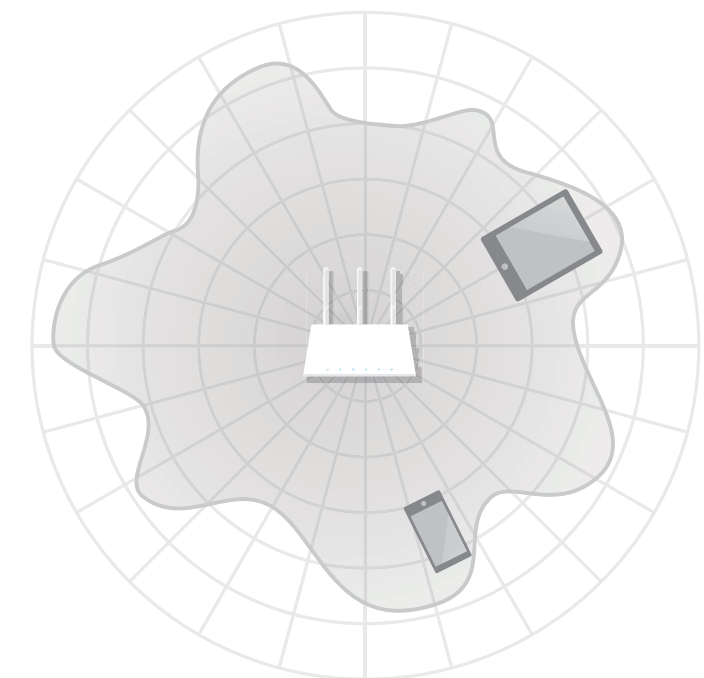
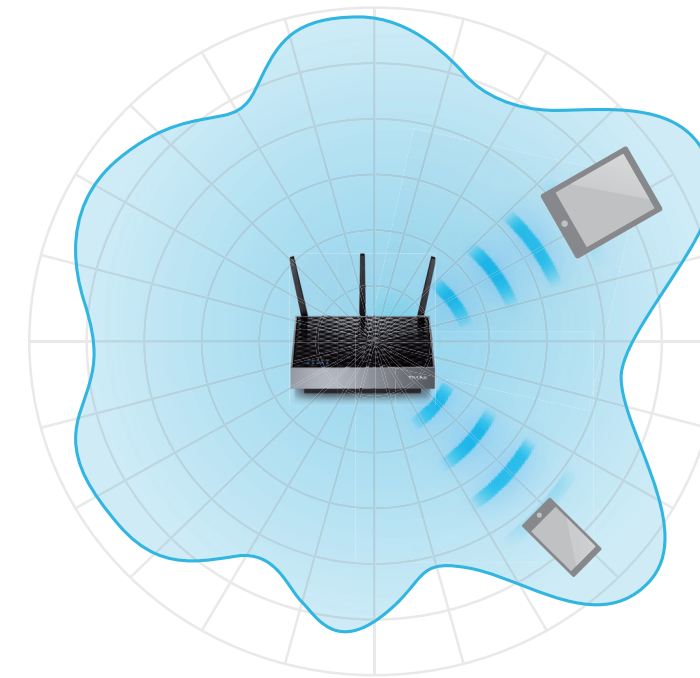
 \*Works with  
Any Wi-Fi Router



-  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.

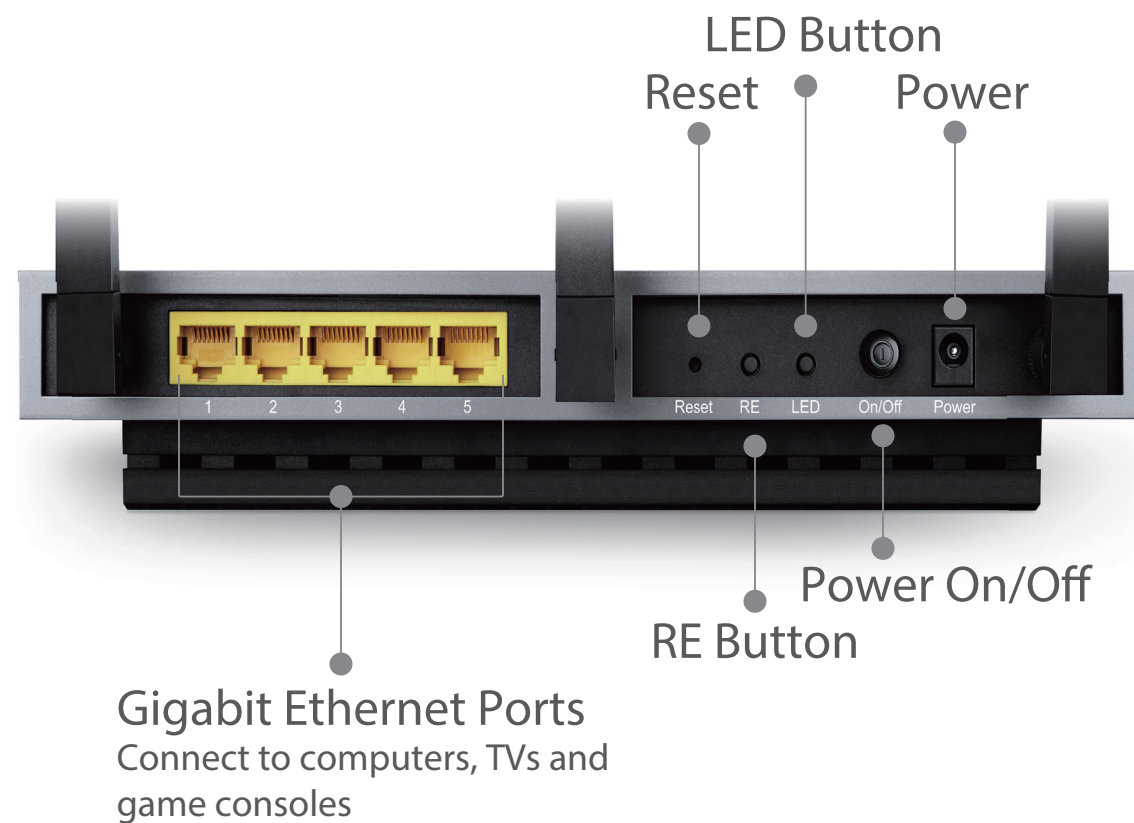


-  RE580D
-  Beamforming
-  Other AC1900 Range Extenders

# 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 Type: 3 dual band detachable antennas
- Antenna Gain: 2.4GHz: 2dBi  
5GHz: 3dBi
- Maximum Output Power: 700mW



## 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% PER5GHz:
  - 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: <20dbm
- 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°C ~40°C (32°F ~104°F)
- Storage Temperature: -40°C ~70°C (-40°F ~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing



For more information, please visit

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

or scan the QR code left

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# Others

## Similar Products



- AC1750 Wi-Fi Range Extender RE450



- AC750 Wi-Fi Range Extender RE210

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