TP-LINK®
The Reliable Choice

AC 1200
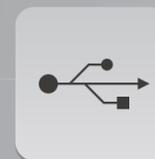## Wireless Dual Band ADSL2+ Modem Router
Archer D50

Highlights

- **1200Mbps Wireless Speed** – 300Mbps on 2.4GHz + 867Mbps on 5GHz
- **Broad Coverage** – Two external antennas provide maximum omni-directional wireless coverage and reliability
- **EWAN Connection** – Ethernet WAN (EWAN) port accepts connections from cable and fiber modems via Ethernet cable
- **USB Port** – Easily share printers, files or media with your friends or family locally or over the Internet
- **Tether App** – TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices

Dual Band 2.4 & 5 GHz

300Mbps+ 867Mbps

USB 2.0 Port

Parental Control

Tether APP

Available on the App Store

ANDROID APP ON Google play

Features

Speed

- **1200Mbps Wireless Speed** – Combined wireless speeds up to 1200Mbps at 2.4GHz & 5GHz band concurrently

- **Support 802.11 ac** – Offering 3 times faster data rate than 802.11n in a single stream

Wi-Fi Range

- **2 External Antennas** – 2 external antennas provide maximum omni-directional wireless coverage

Reliability

- **Simultaneous Dual Band** – Reduces interference for more stable connections

- **QoS** – Advanced QoS automatically recognizes & prioritizes streaming & gaming applications

Features

Easy Sharing

- **USB Port for Fast Sharing** – With one USB 2.0 port, you can access and share a printer as well as your files and media locally. Via the router's FTP server, you can also have access to your files & media with networked devices remotely

- **Built-in Print Server** – Supports wireless printing from multiple computers (works in conjunction with a USB Printer)

- **Built-in Media Server** – Allows users to play music, video and view photos

Ease of Use

- **Hassle-free Management with Tether App** – Tether App allows easy network management at your fingertips

- **Built-in Intelligent Auto-detection** – Automatically figuring out which connection type to use in a flash, saving the trouble of searching for connection information

- **Fast Encryption** – Easy one-touch WPA wireless security encryption with the WPS button

Security

- **Guest Network Access** – Guest Network Access provides secure Wi-Fi access for guests

- **Parental Control** – Establish restricted access policies for all connected devices

- **Easy Bandwidth Management** – IP-based Bandwidth Control makes it easier for you to manage the bandwidth of connected devices

- **VPN Support** – Secure access to your home or office network from remote devices

- **SPI and NAT Firewall** – Protects end-user devices from potential attacks from the Internet

Tether App
Easy Network Management at Your Fingertips

TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices. From Setup to Parental Control, Tether provides a simple, intuitive user interface to see what the status of your router is, who's online and what their privileges are. TP-LINK Tether is going to be adaptable to more router models.

New web UI
Simple & Easy Connect, Monitor and Control

TP-LINK's innovative web UI makes your home network installation and management hassle free as relevant information is presented over an intuitive network map. This functionality allows users to monitor and control their network directly from their PC, and enables such features as USB Port Setup, Parental Control, Network Diagnostics, and much more.
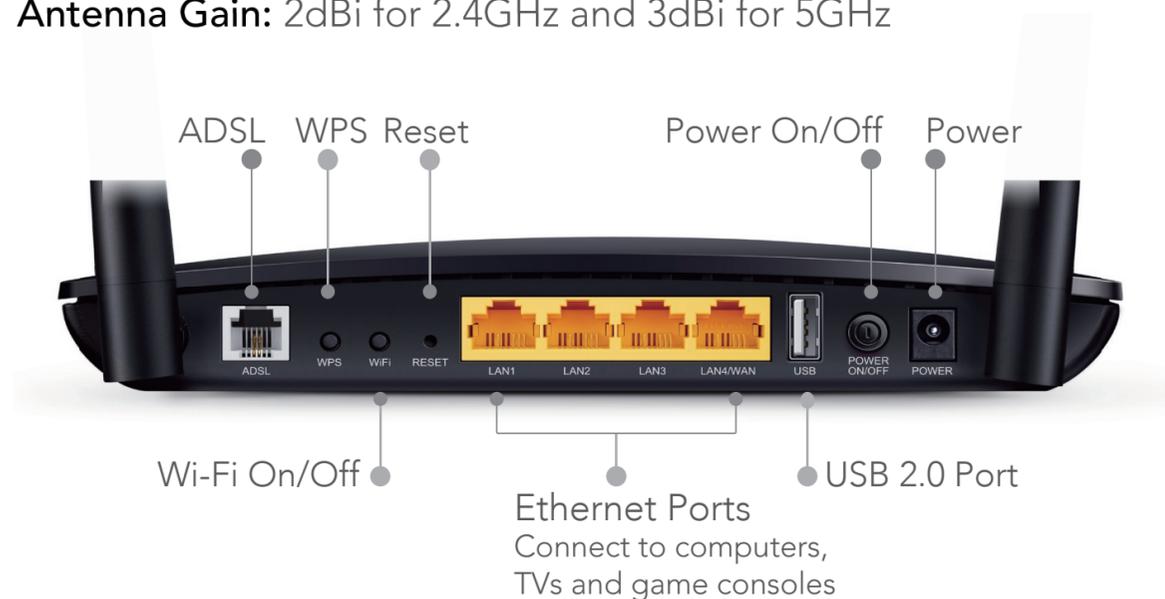
Specifications

Hardware

- **Ethernet Ports:** 3 10/100Mbps RJ45 LAN Ports, 1 10/100Mbps RJ45 WAN/LAN Port, 1 RJ11 Port
- **USB Ports:** One USB 2.0 Port
- **Button:** WPS Button, Reset Button, Wireless On/Off Button, Power On/Off Button
- **External Power Supply:** 12V/1.5A
- **Dimensions (W x D x H):** 8.0 x 5.6 x 1.3 in. (202 x 141x 33.6 mm)
- **IEEE Standards:** IEEE 802.3, 802.3u, 802.3ab
- **ADSL Standards:** Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), ITU-T G.994.1 (G.hs), ITU-T G.995.1
- **ADSL2 Standards:** ITU-T G.992.3 (G.DMT.bis),
- **ADSL2+ Standards:** ITU-T G.992.5
- **Antenna Type:** 2 external antennas (RP-SMA)
- **Antenna Gain:** 2dBi for 2.4GHz and 3dBi for 5GHz

Wireless

- **Wireless Standards:** IEEE 802.11n/g/b 2.4GHz, IEEE 802.11ac/n/a 5GHz
- **Frequency:** 2.4GHz and 5GHz
- **Signal Rate:** 300Mbps at 2.4GHz, 867Mbps at 5GHz
- **Transmit Power:** <20dBm(EIRP)
- **Wireless Function:** Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- **Wireless Security:** 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions, Wireless MAC Filtering
- **Wireless Schedule:** Support 2.4GHz and 5GHz Wireless Schedule

ADSL   WPS Reset   Power On/Off   Power

Wi-Fi On/Off

USB 2.0 Port

Ethernet Ports
Connect to computers,
TVs and game consoles

Specifications

Software

- **Operation Modes:** ADSL Modem Router, Wireless Router
- **DHCP:** Server, Client, DHCP Client List, Address Reservation, DHCP Relay
- **Quality of Service:** ATM QoS, Traffic Control(IP QoS)
- **Port Forwarding:** Virtual Server, Port Triggering, DMZ, ALG, UPnP
- **Dynamic DNS:** DynDns, NO-IP
- **VPN Passthrough:** PPTP, L2TP, IPSec Passthrough
- **ATM/PPP Protocols:** ATM Forum UNI3.1/4.0, PPP over ATM (RFC 2364), PPP over Ethernet (RFC2516), IPoA (RFC1577/2225), MER\IPoE (RFC 1483 Routed), Bridge (RFC1483 Bridge), PVC – Up to 8 PVCs
- **Security:** NAT Firewall, Access Control, MAC / IP / URL Filtering, IP and MAC Address Binding
- **Advanced Functions:** Parental Control, Network Address Translation(NAT), Port Mapping(Grouping), Static Routing, RIP v1/v2(optional), DNS Relay, DDNS, IGMP V1/V2/V3
- **USB Sharing:** Support Samba(Storage)/FTP Server/Media Server/Printer Server
- **Management:** Web Based Configuration(HTTP), Remote management, command Line Interface, SSL for TR-069, SNMP v1/2c, Web Based Firmware Upgrade, Diagnostic Tools
- **Guest Network:** 2.4GHz guest network x 1, 5GHz guest network x 1
- **IPSec VPN:** Supports up to 10 IPSec VPN tunnels
- **Protocols:** Supports IPv4 and IPv6

Others

Package Contents
- AC 1200 Wireless Dual Band ADSL2+ Modem Router Archer D50
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Power Adapter
- 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
- Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser
- Cable or DSL Modem
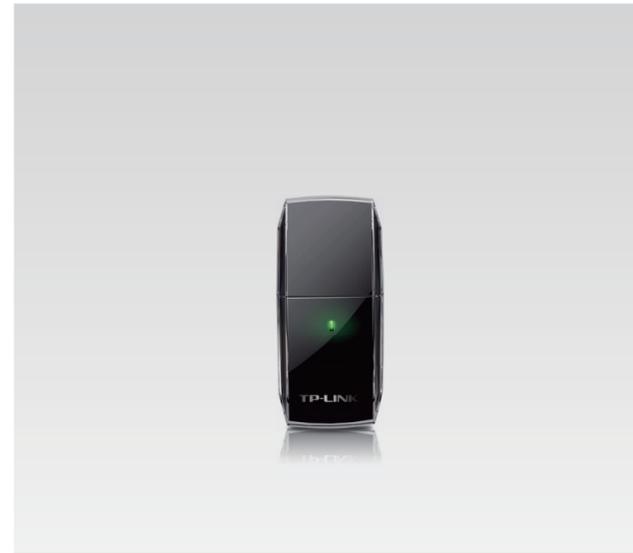- Subscription with an Internet Service Provider (for Internet access)

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

Ideal to use with

- AC1200 Wireless Dual Band
  USB Adapter
  Archer T4U

- AC600 Wireless Dual Band
  USB Adapter
  Archer T2U

Similar Products

- AC1900 Wireless Dual Band
  Gigabit ADSL2+ Modem Router
  Archer D9

- AC1750 Wireless Dual Band
  Gigabit ADSL2+ Modem Router
  Archer D7

For more information, please visit

http://www.tp-link.com/en/products/details/cat-15_Archer-D50.html

or scan the QR code left

www.tp-link.com