

# AC 1750

## Wireless Dual Band Gigabit ADSL2+ Modem Router *Archer D7*

### Highlights

- **Superfast Wi-Fi** – 450Mbps on 2.4GHz + 1300Mbps on 5GHz
- **Maximum Range** – 3 external dual band detachable antennas provide maximum omni-directional wireless coverage and reliability
- **Gigabit Wired Speed** – Full gigabit ports ensure ultrafast data transfer speeds
- **Dual USB Ports** – Easily share printers, files or media with your friends or family locally or over the Internet
- **ADSL/EWAN** – ADSL port supports ADSL connections via phone cable and the LAN/WAN port supports cable/fiber modem connections via Ethernet cable
- **Tether App** – TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices



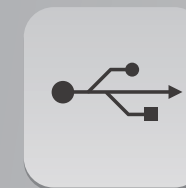
450Mbps+  
1300Mbps



Dual Band  
2.4 & 5 GHz



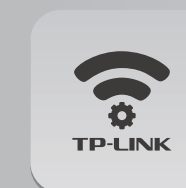
Gigabit  
Ports



2 x USB  
2.0 Ports



EWAN  
Connection



Tether  
APP



# Features



## Speed

- **Superfast Wireless Speed** – Combined wireless speeds up to 1.75Gbps at 2.4GHz & 5GHz band concurrently
- **Support 802.11 ac** – Offering 3 times faster data rate than 802.11n in a single stream
- **Gigabit Wired Speed** – Full shielded gigabit ports ensure ultrafast data transfer speeds



## Wi-Fi Range

- **3 Dual Band Antennas** – 3 dual band detachable 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

- **Dual USB Ports for Fast Sharing** – With dual USB 2.0 ports, 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
- **3-Step Quick Installation** – Easy Setup Assistant supporting multiple languages provides a quick & hassle free installation
- **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

## Versatile Connectivity

As a complete integrated modem router, the Archer D7 provides versatile connectivity options including ADSL and fiber/cable connections. This makes it easier when users need to choose among different Internet service providers when necessary.



## Tether App

## Easy Network Management at Your Fingertips

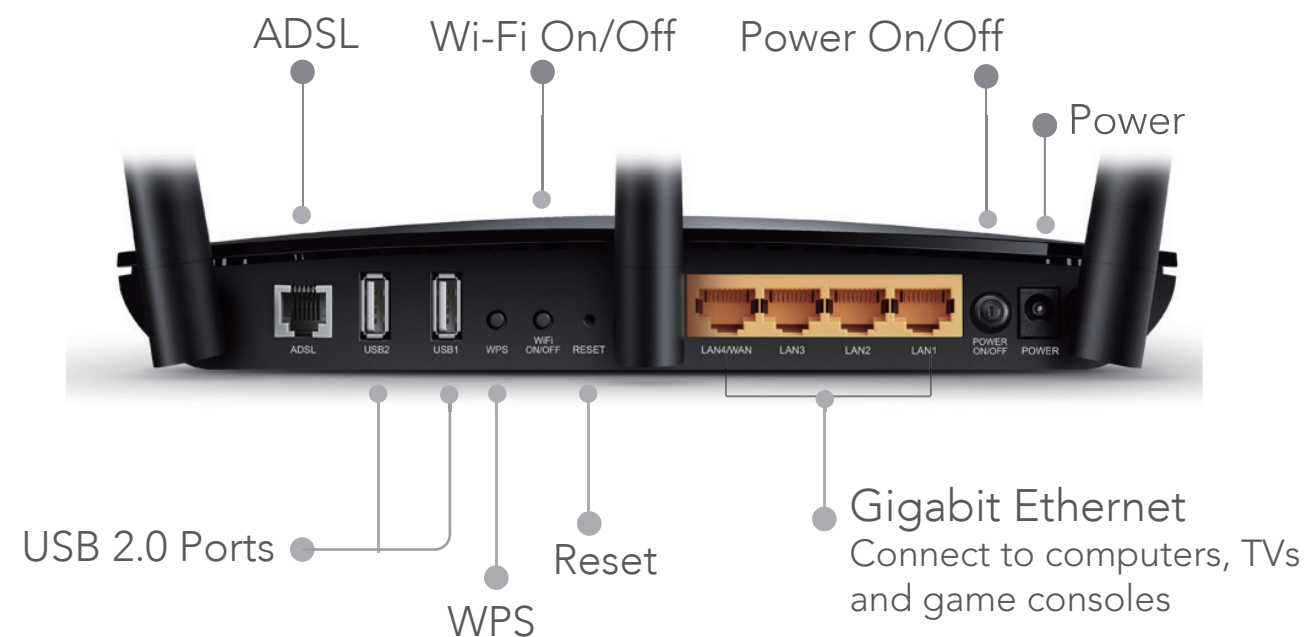
TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices. From Setup to Parental Control, Tether provides a simple, intuitive user interface to see what the status of your router is, who's online and what their privileges are. TP-LINK Tether is going to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



# Specifications

## Hardware

- **Ethernet Ports:** 3 10/100/1000Mbps RJ45 LAN Ports, 1 10/100/1000Mbps RJ45 WAN/LAN Port, 1 RJ11 Port
- **USB Ports:** 2 USB 2.0 Ports
- **Button:** WPS Button, Reset Button, Wi-Fi On/Off Button, Power On/Off Button
- **External Power Supply:** 12V/2.5A
- **Dimensions (W x D x H):** 9.0 x 6.3 x 1.5 in. (229 x 160 x 37mm)
- **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), TU-TG.992.2(G.Lite), ITU-T G.994.1 (G.hs), ITU-T G.995.1
- **ADSL2 Standards:** ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis)
- **ADSL2+ Standards:** ITU-T G.992.5
- **Antenna Type:** 3 external detachable dual band antennas (RP-SMA)
- **Antenna Gain:** 3 x 2dBi for 2.4GHz and 3 x 3dBi for 5GHz



## Wireless

- **Wireless Standards:** IEEE 802.11 a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.4GHz and 5GHz
- **Signal Rate:** 1300Mbps at 5GHz, 450Mbps at 2.4GHz
- **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

# Specifications

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## Software

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- **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, Denial of Service (DoS), SYN Flooding, Ping of Death, 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

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### Package Contents

- AC 1750 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D7
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Resource CD
- Power Adapter
- Quick Installation Guide

### Certification

- CE, FCC, RCM, 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°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

# Others

## Ideal to use with



- AC1750 Wireless Dual Band PCI Express Adapter Archer T8E



- AC1200 Wireless Dual Band USB Adapter Archer T4U

## Similar Products



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



- AC1200 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D5



For more information, please visit

[http://www.tplink.com/test/products/details/cat-15\\_Archer-D7.html](http://www.tplink.com/test/products/details/cat-15_Archer-D7.html)

or scan the QR code left

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