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
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.

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TP-LINK® AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D7
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
- **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 802.11a/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

![Image of AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router](image)
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, DMG, 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

**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
or scan the QR code left.

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