

AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B)

Archer D7b

⦿ Features:

- Supports 802.11ac - The next generation of Wi-Fi
- Simultaneous 2.4GHz 450Mbps and 5GHz 1300Mbps connections for 1.75Gbps of total available bandwidth
- 3 external dual band antennas provide maximum Omni-directional wireless coverage and reliability
- 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
- Ethernet WAN (EWAN) offers another broadband connectivity option for connecting cable, VDSL or fiber modems
- Guest Network Access provides secure Wi-Fi access for guests sharing your home or office network
- Parental Control allow parents or administrators to establish restricted access policies for children or staff
- IPv6 supported, meeting the demands for the next generation of Internet
- Supports IP-based Connection (Annex J)
- SPI and NAT firewall protects end-user devices from potential attacks from the Internet
- Easy one-touch WPA wireless security encryption with the WPS button
- Wi-Fi On/Off Button allows users to turn their wireless radio on or off
- Easy Setup Assistant with multi-language support



⦿ Description:

TP-LINK's Archer D7b AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B) is a combined wired/wireless network connection device with integrated wireless router and ADSL modem, reducing hassle of configuration and saving space. Coming with the next generation Wi-Fi standard – 802.11ac, 3 times faster than wireless N speeds, Archer D7b delivers a combined wireless data transfer rate of up to 1.75Gbps. With 1300Mbps wireless speeds over the crystal clear 5GHz band and 450Mbps over the 2.4GHz band, the Archer D7b is the superior choice for seamless HD streaming, online gaming and other bandwidth-intensive tasks. Equipped with two multifunctional USB ports, you can share printers, files and media across the local network or the Internet. What's more, Archer D7b features an Ethernet WAN port, which allows for another broadband connectivity technology instead of ADSL to be connected, giving you the flexibility to access the Internet using whichever method is most convenient.

Specifications:

HARDWARE FEATURES	
Interface	1 10/100/1000Mbps RJ45 WAN/LAN Port 3 10/100/1000Mbps RJ45 LAN Ports 1 RJ11 Port 2 USB 2.0 Ports
Button	1 Power On/Off Button 1 WPS Button 1 Wi-Fi On/Off Switch 1 RESET Button
External Power Supply	12VDC/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), ITU-T G.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	Three dual band detachable antennas (RP-SMA) 3x2 dBi for 2.4GHz and 3x3 dBi for 5GHz
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11ac/n/a 5GHz IEEE 802.11n/g/b 2.4GHz
Wireless Speed	5GHz: up to 1300Mbps 2.4GHz: up to 450Mbps
Frequency	2.4GHz and 5GHz
EIRP	<20dBm (EIRP)
Wireless Function	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	Support 64/128 bit WEP, WPA /WPA2, WPA-PSK/WPA2-PSK Wireless MAC Filtering
Wireless Schedule	support 2.4GHz and 5GHz Wireless Schedule
SOFTWARE FEATURES	
Operation Mode	ADSL Modem Router, Wireless Router
ATM/PPP Protocols	ATM Forum UNI3.1/4.0 PPP over ATM (RFC 2364) PPP over Ethernet (RFC2516) IPoA (RFC1577/2225) MER\IPoE (RFC 1483Routed) Bridge (RFC 1483Routed) PVC - Up to 8 PVCs
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, UPnP, DMZ, ALG
VPN Passthrough	PPTP, L2TP, IPSec Passthrough
Dynamic DNS	DynDns, No-IP
IPSec VPN	Supports up to 10 IPSec VPN tunnels
USB Sharing	Storage Sharing, FTP Server, Media Server, Print Server
Guest Network	2.4GHz guset network x 1 5GHz guset network x 1

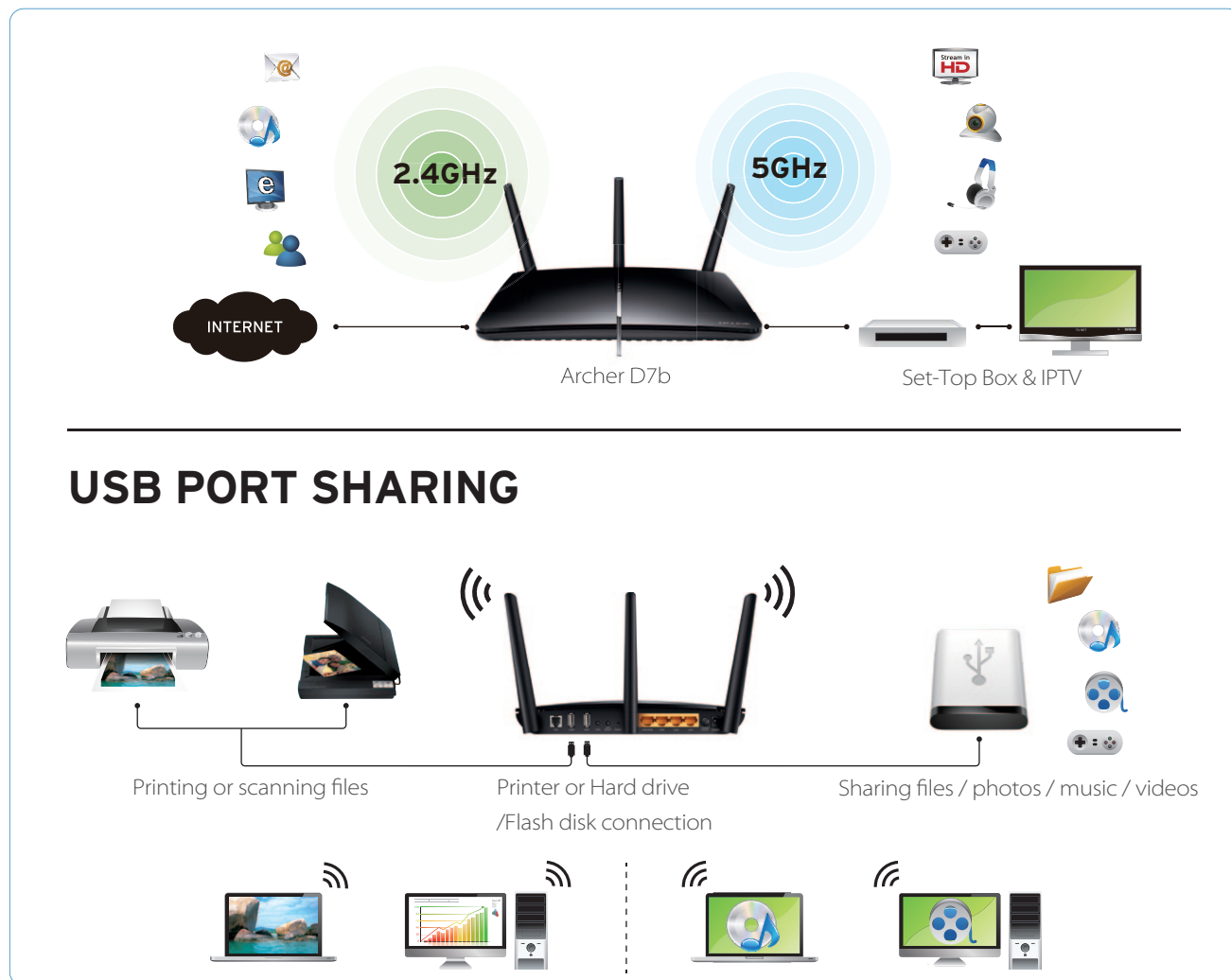
AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B)

Ⓞ Specifications:

Security	NAT Firewall, Access Control, MAC/IP/URL Filtering, Denial of Service (DoS), SYN Flooding, Ping of Death, IP and MAC Address Binding
Management	Web Based Configuration(HTTP), Remote management, Command Line Interface, SSL for TR-069, SNMP v1/2c, Web Based Firmware Upgrade, Diagnostic Tools
IPv6	IPv6 and IPv4 dual stack
Advanced Features	Parental Control Network Address Translation (NAT); Port Mapping (Grouping), Static Routing, RIP v1/v2 (optional); DNS Relay, DDNS, IGMP V1/V2/V3
OTHERS	
Certification	CE, FCC, RCM, RoHS
Package Content	AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B) External Splitter RJ-11 Telephone Cable RJ-45 Ethernet Cable Quick Installation Guide Resource CD Power Adapter
System Requirements	Windows 8/7/Vista/XP, Mac OS or Linux-based operating system
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

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Diagram:



Package:

- AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B) Archer D7b
- External splitter (Optional)
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Power Adapter
- Resource CD
- Quick Installation Guide

Related Products:

- AC1200 Wireless Dual Band USB Adapter Archer T4U
- N900 Wireless Dual Band PCI Express Adapter TL-WDN4800

* Some USB hard drive that works at a high power without using any external power adapter might not be supported.