



AC1750 Dual Band Wireless Router TEW-812DRU (v2.0R)

- 1750 Mbps total wireless: 1300 Mbps AC + 450 Mbps N bands
- High speed USB 3.0 share port
- Pre-encrypted for your security
- Create an isolated guest network
- One touch network connection with the WPS button
- All Gigabit wired ports
- High power amplifiers extend wireless coverage
- Compatible with DD-WRT open source firmware***

Designed to produce the ultimate wireless experience in a busy connected home, TRENDnet's AC1750 Dual Band Wireless Router, model TEW-812DRU, creates two concurrent wireless networks—a 1.3 Gigabit Wireless AC network and a 450 Mbps Wireless N network to connect common wireless devices. Use the high speed USB 3.0 port and Gigabit Ethernet ports to further expand your network.

Ease of Use



Easy Setup

Get up and running in minutes with the intuitive guided setup



One Touch Connection

Securely connect to the router at the touch of the Wi-Fi Protected Setup (WPS) button



USB 3.0 Share Port

Plug in a USB 3.0 flash or storage drive to share content at 5 Gbps USB 3.0 speeds

Security



Encrypted Wireless

For your security the router arrives pre-encrypted with its own unique password



Guest Network

Create a secure, isolated network for guest internet access only



Parental Controls

Control access to specific websites

Performance



Next Generation Wireless AC

802.11ac provides uninterrupted HD video streaming in a busy connected home



Simultaneous Dual Band

High speed 1300 Mbps Wireless AC band + 450 Mbps Wireless N



Gigabit Ports

Gigabit ports extend high performance wired connections



Wireless Coverage

Whole home wireless coverage for average size homes



Backward Compatible

Compatible with legacy wireless devices



Targeted Beamforming

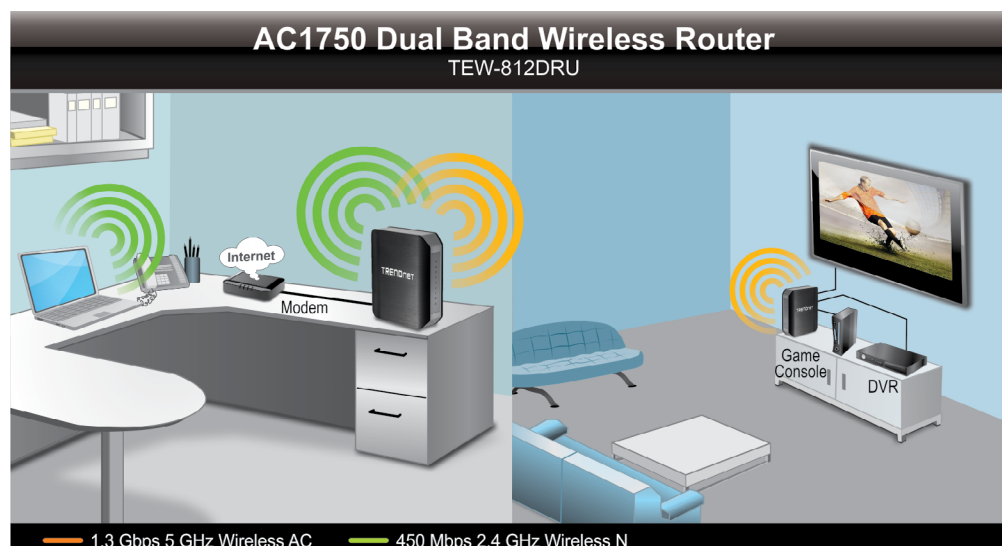
Increased real-time performance by directing stronger wireless signals to your specific location

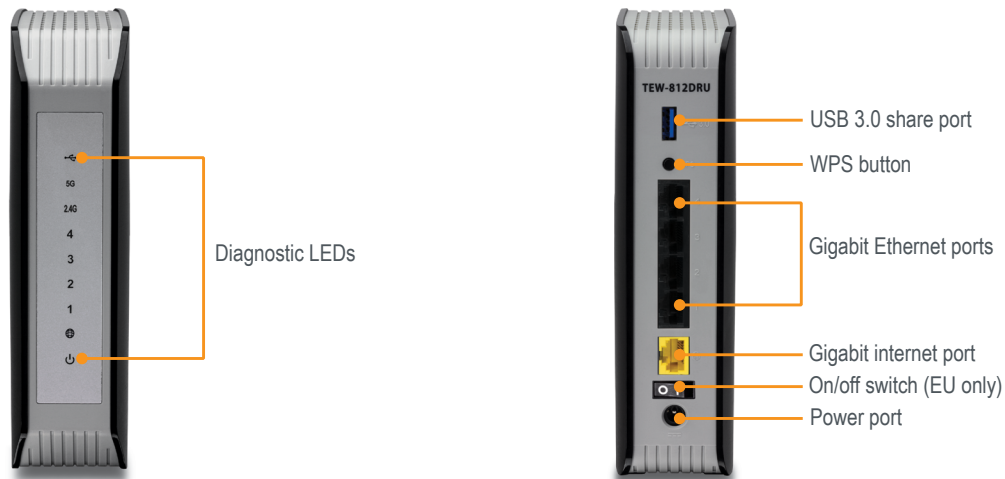


Open Source

Compatible with DD-WRT open source firmware***

Networking Solution





Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 450 Mbps)
- IEEE 802.11ac (draft 2.0, up to 1.3 Gbps)

Hardware Interface

- 4 x Gigabit LAN ports
- 1 x Gigabit WAN port
- USB 3.0 (Storage FTP, Samba, Printing)
- Power switch (EU only)
- WPS button
- LED indicators

Security

- Wireless encryption up to WPA2
- Firewall: NAT, SPI
- Parental (Access) Controls: MAC, URL, IP Filter

System Requirements

- Optional USB Printing utility: Windows: 8.1, 8, 7, Vista, XP, Mac OS X: 10.8, 10.7, 10.6, 10.5, 10.4

Special Features

- QoS Management

- IPv6 support
- WDS support
- Up to 3 multiple SSID per band
- 1 guest network per band with option for Internet access only
- DDNS support for dyn.com & no-ip.com
- Samba/FTP server support
- Multi-Language interface: English, French, Spanish, German, Russian

Open Source

- Compatible with DD-WRT firmware

Antenna Gain

- 2.4 GHz: 6 dBi (Max) internal/5 GHz: 6 dBi (Max) internal

Wireless Output Power /Receiving Sensitivity

- 802.11a: FCC: 22 dBm, CE: 18 dBm (Max)/-68 dBm (typical) @ 54 Mbps
- 802.11b: 19 dBm (Max) /-84 dBm (typical) @ 11 Mbps
- 802.11g: 18 dBm (Max) /-72 dBm (typical) @ 54 Mbps
- 802.11n: FCC: 18 dBm (Max) /-68 dBm (typical) @ 450 Mbps 2.4 GHz
- 802.11n: FCC: 22 dBm, CE: 18 dBm (Max)/-68 dBm (typical) @ 450 Mbps 5 GHz
- 802.11ac: FCC: 23 dBm, CE: 19 dBm (Max)/-55 dBm

(typical) @ 1.3 Gbps

Power

- Input: 100 - 240 V, 50 - 60 Hz, 0.8 A
- Output: 12 V DC, 2 A
- Consumption: 21 Watts (Max)

Operating Temperature

- 0 - 40°C (32 - 104°F)

Operating Humidity

- Max 90% non-condensing

Certifications

- CE
- FCC

Dimensions/Weight

- 48 x 155 x 180 mm (1.8 x 6.1 x 7.1 in)
- 395 g (14 oz.)

Warranty

- 3 year limited

Package Contents

- TEW-812DRU
- Multi-Language Quick Installation Guide
- CD-ROM (Utility & User's Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V, 2 A)

* Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and cover-age will vary depending on interference, network traffic, building materials and other conditions

** Printer Control Center utility installation required for each computer in order to access the printer

*** The provided open source firmware has no affiliation with, nor was it produced by TRENDnet. Using this firmware requires advanced knowledge and experience with open source code. TRENDnet does not provide support for this firmware. Use of this firmware voids the product warranty. This firmware may damage your product, use at your own risk.

