



AC1200 Dual Band Wireless Router TEW-813DRU (v1.0R)

- AC1200: 867 Mbps Wireless AC + 300 Mbps Wireless N
- Share music and videos using the USB share port
- Pre-encrypted for your convenience
- Create an isolated guest network
- One touch network connection with the WPS button
- All Gigabit wired ports

Designed to handle multiple HD streams in a busy connected home, TRENDnet's high performance AC1200 Dual Band Wireless Router, model TEW-813DRU, creates two concurrent wireless networks—a high performance 867 Mbps Wireless AC network and a 300 Mbps Wireless N network to connect common wireless devices.

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 Share Port

Plug in a USB flash or storage drive to share content across the network

Access Control



Encrypted Wireless

For your convenience 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 or types of content

Performance



Next Generation Wireless AC

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



Simultaneous Dual Band

High speed 867 Mbps Wireless AC + 300 Mbps Wireless N



Gigabit Ports

Gigabit ports extend high performance wired connections



Wireless Coverage

Extensive wireless coverage with MIMO antenna technology



Backward Compatible

Compatible with legacy wireless devices



Targeted Beamforming

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

Networking Solution

HD 3D movies

Gaming

Music

Surfing

Web chat

E-mail



USB 2.0

Gigabit

Gigabit



Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3az
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (2.4 GHz 300 Mbps, 5 GHz up to 300 Mbps)
- IEEE 802.11ac (draft 2.0, up to 867 Mbps)

Hardware Interface

- 4 x Gigabit LAN ports
- 1 x Gigabit WAN port
- 1 x USB 2.0 (Storage FTP, Samba)
- Power switch
- WPS button
- LED indicators

Access Control

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

Special Features

- IPv6 support
- WDS support
- 1 guest network per band with option for Internet access only
- Up to 2 additional SSIDs per band
- Dynamic DNS support for dyn.com, no-ip.com, and easydns.com

- Samba/FTP server support
- Multi-Language interface: English, French, Spanish, German, Russian

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 (max.), ETSI: 22 dBm (max.)/-73 dBm (typical) @ 54 Mbps
- 802.11b: FCC: 24 dBm (max.), ETSI: 17 dBm (max.)/-84 dBm (typical) @ 11 Mbps
- 802.11g: FCC: 22 dBm (max.), ETSI: 17 dBm (max.)/-72 dBm (typical) @ 54 Mbps
- 802.11n (2.4 GHz): FCC: 22 dBm (max.), ETSI: 17 dBm (max.)/-65 dBm (typical) @ 300 Mbps
- 802.11n (5 GHz): FCC: 22 dBm (max.), ETSI: 22 dBm (max.)/-66 dBm (typical) @ 300 Mbps
- 802.11ac: FCC: 22 dBm (max.), ETSI: 22 dBm (max.)/-55 dBm (typical) @ 867 Mbps

Power

- Input: 100 – 240 V AC, 50 - 60 Hz, 0.6 A
- Output: 12 V DC, 2 A external power adapter
- Consumption: 16.5 Watts (max.)

Operating Temperature

- 0 – 40 °C (32 – 104 °F)

Operating Humidity

- Max. 95% non-condensing

Certifications

- CE
- FCC

Dimensions

- 45 x 120 x 164 mm (1.8 x 4.7 x 6.5 in)

Weight

- 260 g (9.2 oz.)

Warranty

- 3 year limited

Package Contents

- TEW-813DRU
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V DC, 2 A)

*For maximum performance of up to 867 Mbps use with an 867 Mbps 802.11ac wireless adapter.

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

