AC1900 Dual Band Wireless Router

TEW-818DRU (v1.0R)

- AC1900: 1300 Mbps Wireless AC + 600 Mbps Wireless N bands
- High speed USB 3.0 and USB 2.0 share ports
- 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

TRENDnet's AC1900 Dual Band Wireless Router, model TEW-818DRU, is an extreme performance wireless router. It creates two concurrent wireless networks—a 1.3 Gigabit Wireless AC network and a 600 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 Share Ports
Plug in a flash or storage drive into the 5 Gbps USB 3.0 port or the USB 2.0 port

Multi Language
Multi Language Interface: English, Spanish, French, German, and Russian

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 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 1300 Mbps Wireless AC band + 600 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 to your specific location

Networking Solution

HD 3D movies

HD Gaming

Music

Surfing

Web chat

E-mail

Wireless AC
1300 Mbps

Wireless N
600 Mbps

TEW-818DRU

USB 3.0

USB 2.0

Gigabit

Gigabit

TRENDnet®

Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (2.4 GHz up to 600 Mbps TurboQAM*, 5 GHz 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
- 1 x USB 3.0 (Storage FTP, Samba, Printing)
- 1 x USB 2.0 (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: 10.9, 10.8, 10.7, 10.6, 10.5, 10.4

Special Features
- QoS Management
- IPv6 support (6to4 and Native)
- WDS support
- Up to 2 additional SSID per band
- 1 guest network per band with option for Internet access only
- Dynamic DNS support for dyn.com and no-ip.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, ETSI: 18 dBm (max.)/ -68 dBm (typical) @ 54 Mbps
- 802.11b: FCC/ETSI: 19 dBm (max.)/ -84 dBm (typical) @ 11 Mbps
- 802.11g: FCC/ETSI: 18 dBm (max.)/-72 dBm (typical) @ 54 Mbps
- 802.11n: FCC/ETSI: 18 dBm (max.)/-68 dBm (typical) @ 600 Mbps 2.4 GHz
- 802.11n: FCC: 22 dBm, ETSI: 18 dBm (max.)/ -68 dBm (typical) @ 450 Mbps 5 GHz
- 802.11ac: FCC: 23 dBm, ETSI: 19 dBm (max.)/ -55 dBm (typical) @ 1.3 Gbps

Power
- Input: 100 – 240 V AC, 50 - 60 Hz, 0.8 A
- Output: 12 V DC, 2 A
- Consumption: 22 Watts (Max.)

Operating Temperature
- 0 - 40° C (32 - 104° F)

Operating Humidity
- Max. 90% non-condensing

Certifications
- CE
- FCC

Dimensions
- 48 x 155 x 180 mm (1.8 x 6.1 x 7.1 in.)

Weight
- 395 g (14 oz.)

Warranty
- 3 year limited

Package Contents
- TEW-818DRU
- 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. 802.11n 2.4 GHz TurboQAM speeds requires clients with TurboQAM support.
** Printer Control Center utility installation required for each computer in order to access the printer.