



## N150 Wireless Home Router TEW-711BR (v2.0R)

- Proven 150 Mbps Wireless N
- Pre-encrypted wireless for your convenience
- One touch network connection with the WPS button
- Energy saving GREENnet technology

TRENDnet's N150 Wireless Home Router, model TEW-711BR, offers proven 150 Mbps wireless n networking to share files, play games, and surf the internet. Embedded GREENnet technology reduces power consumption by up to 50%. For your convenience the wireless network is setup and pre-encrypted out of the box.

## 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

## Access Control



### Pre-Encrypted

For your convenience the wireless network is pre-encrypted with its own unique password



### Parental Controls

Control access to specific websites and manage which devices can access the router

## Performance



### N150 Wireless

Reliable 150 Mbps Wireless N



### Ethernet Ports

Ethernet ports to hardwire up to four devices



### Energy Savings

Embedded GREENnet technology reduces power consumption by up to 50%



### IPv6

IPv6 network support

## Networking Solution



Surfing



Music



E-mail



## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3x
- IEEE 802.3u
- IEEE 802.3az
- IEEE 802.11b
- IEEE 802.11g
- Based on IEEE 802.11n technology

### Hardware Interface

- 4 x 10/100 Mbps LAN ports
- 1 x 10/100 Mbps WAN port
- WPS button (Press and hold for 3 seconds to activate)
- Reset button (Press and hold for 10 seconds to reset to factory)
- LED indicators (Power, Status, WAN, WLAN, LAN 1-4)

### Access Control

- Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS
- Firewall: NAT, SPI, Virtual Server, Special Applications, DMZ Host, PPTP/L2TP/IPsec VPN Passthrough, Multicast Passthrough, allow/deny ping request from internet
- Parental (Access) Controls: MAC, URL, IP Filter

### Quality of Service

- WMM

### Internet Connection Types

- Dynamic IP (DHCP)
- Static IP (Fixed)
- PPPoE (Dynamic IP/Static IP)
- PPTP (Dynamic IP/Static IP)
- L2TP(Dynamic IP/Static IP)
- Russia PPPoE (Dynamic IP/Static IP)
- Russia PPTP (Dynamic IP/Static IP)
- Russia L2TP (Dynamic IP/Static IP)

- IPv6 (Static, Auto-configuration (SLAAC/DHCPv6), Link-Local, PPPoE, 6to4)

### Management/Monitoring

- Local/remote web based management
- Upgrade firmware
- Backup/restore configuration
- Logging – internal/syslog/email
- Reboot
- Restore to factory defaults
- Ping test

### Routing

- Static
- Dynamic (RIP v1/2)

### Special Features

- Dynamic DNS support for dyn.com, no-ip.com, and easydns.com
- Multi-Language interface: English, Spanish, German, Russian

### Frequency

- 2.412 - 2.484 GHz

### Modulation

- 802.11b: CCK (11 Mbps & 5.5 Mbps), DQPSK (2 Mbps), DBPSK (1 Mbps)
- 802.11g: OFDM with BPSK, QPSK and 16/64-QAM
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM

### Media Access Protocol

- CSMA/CA with ACK

### Antenna Gain

- 1 x 2 dBi external dipole

### Wireless Output Power

- 802.11b: FCC: 16 dBm (max.), ETSI: 15 dBm (max.) @ 11 Mbps
- 802.11g: FCC: 14 dBm (max.), ETSI: 14 dBm (max.) @ 54 Mbps

- 802.11n: FCC: 14 dBm (max.), ETSI: 14 dBm (max.) @ 150 Mbps

### Receiving Sensitivity

- 802.11b: -86 dBm (typical) @ 11 Mbps
- 802.11g: -74 dBm (typical) @ 54 Mbps
- 802.11n: -67 dBm (typical) @ 150 Mbps

### Wireless Channels

- FCC: 1-11
- ETSI: 1-13

### Power

- Input: 100 – 240 V AC, 50 - 60 Hz, 0.19 A
- Output: 5 V DC, 1 A external power adapter
- Consumption: 2.8 Watts (max.)

### Operating Temperature

- Operating: 0 – 40 °C (32 – 104 °F)

### Operating Humidity

- Max. 95% non-condensing

### Certifications

- CE
- FCC

### Dimensions

- 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in)

### Weight

- 187 g (6.6 oz.)

### Warranty

- 3 year limited

### Package Contents

- TEW-711BR
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (5 V DC, 1 A)

\*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.

