



150Mbps Wireless N Home Router TEW-651BR (V2.0R)

The 150Mbps Wireless N Home Router delivers the highest level of security with 6x the speed and 3x the coverage of wireless g products. Quickly install the router and use it with TRENDnet wireless n adapters to receive the full benefits of wireless n speed and coverage.



The latest in wireless encryption and a secure firewall protect your valuable data. Router setup is fast and intuitive. Wireless Protected Setup (WPS) integrates other WPS supported wireless adapters at the touch of a button. Seamlessly stream HD media, download files and surf online with wireless n speed.

Features

- Based on IEEE 802.11n technology and compliant with IEEE 802.11b/g standards
- 4 x 10/100Mbps Auto-MDIX LAN ports
- 1 x 10/100Mbps WAN port (Internet)
- GREENnet technology reduces port-based power consumption
- Compatible with most popular cable/DSL Internet service providers using Dynamic/Static IP, PPPoE, PPTP and L2TP
- High-speed data rates of up to 150Mbps with IEEE 802.11n*
- Wi-Fi Protected Setup (WPS) connects wireless clients at the push of a button
- Supports 64/128-bit WEP, WPA/WPA2-RADIUS and WPA-PSK/WPA2-PSK
- Internet Access Control (MAC Address, Domain and IP Filtering)
- Easy remote management via Web browser
- Firewall features Network Address Translation (NAT)
- Universal Plug and Play (UPnP) and Application Level Gateway support for Internet applications such as email, FTP, gaming, remote desktop, Net Meeting, Telnet and more
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Simple setup via Web browser using the latest version of Internet Explorer, Firefox, and Safari
- Works with Windows, Linux, and Mac operating systems
- Indoor range up to 100 meters (330 ft.) depending on the environment
- Outdoor range up to 300 meters (980 ft.) depending on the environment
- 3-year limited warranty

* 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.

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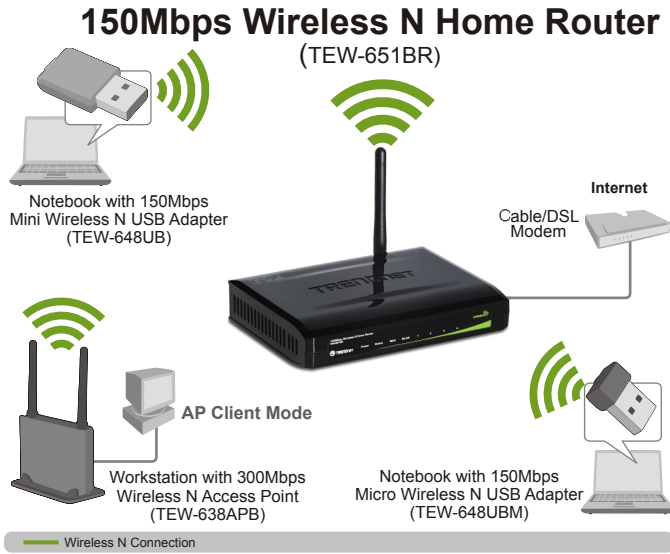
SPECIFICATIONS

| Hardware | |
|---------------------------|---|
| Standards | • IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3az (draft 2.0), IEEE 802.11b, IEEE 802.11g, based on IEEE 802.11n techn |
| WAN | • 1 x 10/100Mbps Auto-MDIX WAN port (Internet) |
| LAN | • 4 x 10/100Mbps Auto-MDIX LAN port |
| WPS Button | • Enables Wi-Fi Protected Setup (WPS) function |
| Connection Type | • Dynamic IP, Static (fixed) IP, PPPoE, PPTP, L2TP |
| Supported Web Browsers | • Internet Explorer 6.0 or above, Firefox, Safari |
| Internet Access Control | • MAC Address Filter (20 entries), Domain/URL Filter (40 entries), Protocol/IP Filter (20 entries) |
| SNMP | • Up to 3 external trap receivers |
| LED Indicators | • Power, Status, LAN1 - LAN4, WAN, WLAN |
| Power Switch | • On/Off power switch |
| Power Supply | • 5V DC, 1A external power adapter |
| Power Consumption | • 2.8 watts (max) |
| Dimensions (LxWxH) | • 149 x 109 x 29mm (5.9 x 4.3 x 1.1in) |
| Weight | • 221g (7.8oz) |
| Temperature | • Operating: 0° ~ 40°C (32° ~ 104°F) • Storage: -10°C ~ 70°C (-14° ~ 158°F) |
| Humidity | • 10% ~ 95% max (non-condensing) |
| Certifications | • CE, FCC |
| Wireless | |
| Frequency | • 2.412 ~ 2.484 GHz ISM band |
| Antenna | • 1 x 2dBi fixed dipole antenna |
| Module Technique | • 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM with BPSK, QPSK and 16/64-QAM • 802.11n: BPSK, QPSK, 16QAM, 64QAM with OFDM |
| Media Access Protocol | • CSMA/CA with ACK |
| Data Rate (Auto Fallback) | • 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 150Mbps |
| Output Power | • 802.11b: 15dBm (typical) @ 11Mbps • 802.11g: 15dBm (typical) @ 54Mbps • 802.11n: 13dBm (typical) @ 150Mbps |
| Receiving Sensitivity | • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 150Mbps |
| Encryption | • 64/128-WEP, WPA-PSK/WPA2-PSK, WPA/WPA2-RADIUS |
| Channels | • 1-11 (FCC), 1-13 (ETSI) |

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NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-651BR
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Cat. 5 Ethernet cable (1.5m / 4.9ft)
- Power adapter (5V DC, 1A)

RELATED PRODUCTS

| | |
|------------|--------------------------------------|
| TEW-638APB | 300Mbps Wireless N Access Point |
| TEW-648UB | 150Mbps Mini Wireless N USB Adapter |
| TEW-648UBM | 150Mbps Micro Wireless N USB Adapter |

ORDER INFORMATION

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