



N150 Wireless Home Router TEW-651BR (V2.2R)

The N150 Wireless 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	<ul style="list-style-type: none">• IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.11b, IEEE 802.11g, Based on IEEE 802.11n technology, IEEE 802.3az
WAN	<ul style="list-style-type: none">• 1 x 10/100Mbps Auto-MDIX WAN port (Internet)
LAN	<ul style="list-style-type: none">• 4 x 10/100Mbps Auto-MDIX LAN port
WPS Button	<ul style="list-style-type: none">• Enables Wi-Fi Protected Setup (WPS) function
Connection Type	<ul style="list-style-type: none">• Dynamic IP, Static (fixed) IP, PPPoE, PPTP, L2TP
Supported Web Browsers	<ul style="list-style-type: none">• Internet Explorer 6.0 or above, Firefox 2.0 or above, Chrome, Opera, Safari
Internet Access Control	<ul style="list-style-type: none">• MAC Address Filter, Domain/URL Filter, Protocol/IP Filter
SNMP	<ul style="list-style-type: none">• Up to 3 external trap receivers
LED Indicators	<ul style="list-style-type: none">• Power, Status, LAN1 - LAN4, WAN, WLAN
Power Switch	<ul style="list-style-type: none">• On/Off power switch
Power Supply	<ul style="list-style-type: none">• 5V DC, 1A external power adapter
Power Consumption	<ul style="list-style-type: none">• 2.8 watts (max)
Dimensions (LxWxH)	<ul style="list-style-type: none">• 158 x 109 x 34mm (6.2 x 4.3 x 1.3in)
Weight	<ul style="list-style-type: none">• 204g (7.2oz)
Temperature	<ul style="list-style-type: none">• Operating: 0° ~ 40°C (32° ~ 104°F)• Storage: -10°C ~ 70°C (-14° ~ 158°F)
Humidity	<ul style="list-style-type: none">• 10% ~ 95% max (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC

WIRELESS

Frequency	<ul style="list-style-type: none">• 2.412 ~ 2.484 GHz ISM band
Antenna	<ul style="list-style-type: none">• 1 x 2dBi fixed dipole antenna
Module Technique	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• CSMA/CA with ACK
Data Rate (Auto Fallback)	<ul style="list-style-type: none">• 802.11b: up to 11Mbps• 802.11g: up to 54Mbps• 802.11n: up to 150Mbps
Output Power	<ul style="list-style-type: none">• 802.11b: 15dBm (typical) @ 11Mbps• 802.11g: 15dBm (typical) @ 54Mbps• 802.11n: 13dBm (typical) @ 150Mbps
Receiving Sensitivity	<ul style="list-style-type: none">• 802.11b: -85dBm (typical) @ 11Mbps• 802.11g: -68dBm (typical) @ 54Mbps• 802.11n: -62dBm (typical) @ 150Mbps
Encryption	<ul style="list-style-type: none">• 64/128-WEP, WPA-PSK/WPA2-PSK, WPA/WPA2-RADIUS
Channels	<ul style="list-style-type: none">• 1-11 (FCC), 1-13 (ETSI)

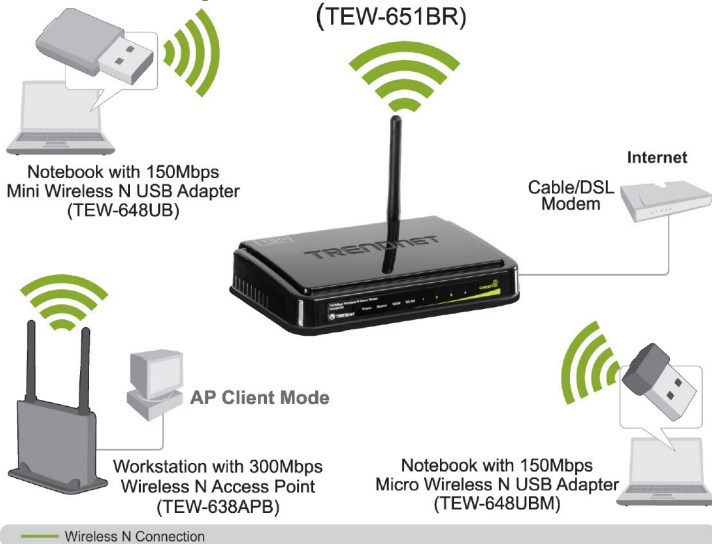
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NETWORKING SOLUTIONS

150Mbps Wireless N Home Router

(TEW-651BR)



PACKAGE CONTENTS

TEW-651BR

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Network 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

CONTACT INFORMATION

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