Wireless N Home Router

TEW-652BRP(V1.0R)

The Wireless N Home Router delivers the highest level of security with 12x the speed and 4x the range 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 provide the ultimate in wired and wireless security. Advanced Multiple Input Multiple Output (MIMO) antenna technology delivers expansive coverage and eliminates dead spots. A quick and intuitive installation process, one touch wireless connection using Wi-Fi Protected Setup and advanced management capabilities make this product well suited for your most demanding home networking needs.

FEATURES

- Wi-Fi compliant with IEEE 802.11n and IEEE 802.11b/g standards
- 4 x 10/100Mbps Auto-MDIX LAN port and 1 x 10/100Mbps WAN port (Internet)
- Supports Cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP, L2TP & BigPond connection types
- High-speed up to 300Mbps data rate using IEEE 802.11n connection
- 2 external antennas support high speed performance and great coverage with MIMO technology
- Firewall features Network Address Translation (NAT), and Stateful Packet Inspection (SPI) protects against DoS attacks
- Support Wi-Fi Protected Setup (WPS) for easy connection
- 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
- Provides additional security of enable/disable wireless SSID, Internet Access Control (MAC Address, Domain & IP Filtering)
- Easy management via web browser and remote management
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Works with Windows 95/98/NT/2000/XP/2003 Server/Vista, Linux and Mac OS
- Coverage up to 100 meters (330ft.) indoor;(depends on the environment)*
- Coverage up to 300 meters (980ft.) outdoor;(depends on the environment)*
- 3-Year Warranty

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SPECIFICATIONS

Hardware	
Standards	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0)
WAN	• 1 x 10/100Mbps Auto-MDIX port (Internet)
LAN	• 4 x 10/100Mbps Auto-MDIX port
WPS Button	• Enable Wi-Fi Protected Setup function
Connection Type	• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP, BigPond
UPnP	• UPnP IGD 1.0 compliant
DMZ	• DMZ host & Virtual Servers
DNS	• Static or WAN assigned DNS servers; 3 verified services for DDNS
Internet Access Control	• MAC Address Filter, Domain/URL Filter, Protocol/IP Filter
Logging	• 5 types of event logging; email report
LED Indicator	• Power, LAN1~LAN4, WAN, WLAN
Power Adapter	• 5V DC, 2.5A external power adapter
Power Consumption	• 7watts (max.)
Dimension (L x W x H)	• 150 x 110 x 30 mm (5.9 x 4.3 x 1.1 inches)
Weight	• 245g (8.6 oz)
Temperature	• Operation: 0~ 40C (32F~ 104F); Storage: -10~ 70C (14F~158 F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC
Wireless	
Frequency	• 2412~2484MHz ISM band
Antenna	• 2 x 2dBi detachable dipole antennas
Media Access Protocol	• CSMA/CA with ACK
Data Rate	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n: up to 300Mbps
Security	• WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2, WPA-PSK/WPA2-PSK • Enable/Disable broadcast SSID
Output Power	• 802.11b: 17dBm (typical) • 802.11g: 13dBm (typical) • 802.11n: 13dBm (typical)
Receiving Sensitivity	• 802.11b: -85dBm (typical) @ 11Mpbs • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps
Channels	• 1~ 11 (FCC), 1~13 (ETSI)

*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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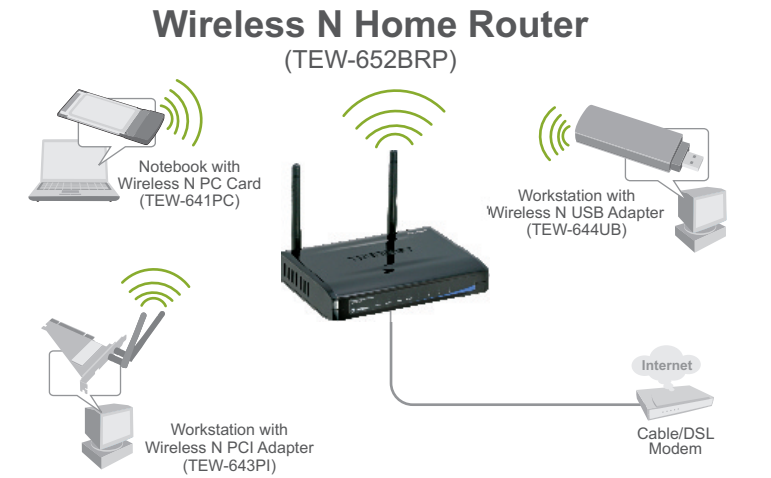
NETWORKING SOLUTIONS



••••• 300Mbps, share multimedia throughout the house

PACKAGE CONTENTS

- TEW-652BRP
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power adapter (5V DC, 2.5A)
- Cat. 5 Ethernet cable (1.5m/5ft.)

RELATED PRODUCTS

TEW-641PC	Wireless N PC Card
TEW-642EC	300Mbps Wireless N Express Card
TEW-643PI	Wireless N PCI Adapter
TEW-644UB	Wireless N USB Adapter

ORDERING INFORMATION

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