



## Wireless N Home Router TEW-652BRP(V2.0R)

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 data rates up to 300Mbps using an IEEE 802.11n connection
- 2 fixed external antennas support high speed performance and great coverage with MIMO technology
- Network Address Translation (NAT) firewall
- Wi-Fi Protected Setup (WPS) button for simple network connectivity
- 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 with Internet Access Control (MAC Address, Domain, and IP Filtering)
- Easy remote management via Web browser
- Wireless security support for WEP, WPA & WPA2
- Indoor coverage up to 100 meters (330ft.)\* Coverage up to 100 meters (330ft.) Indoor (depends on the environment) Outdoor coverage up to 300 meters (980ft.)\* Coverage up to 300 meters (980ft.) outdoor (depending on the environment)\* Works with Windows, Linux and Mac operating systems
- 3- year limited warranty

# Wireless N Home Router

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### SPECIFICATIONS

Hardware	
<b>Standards</b>	<ul style="list-style-type: none"><li>• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX)</li><li>• Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0), IEEE 802.11e QoS</li></ul>
<b>WAN</b>	<ul style="list-style-type: none"><li>• 1 x 10/100Mbps Auto-MDIX port (internet)</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>• 4 x 10/100Mbps Auto-MDIX ports</li></ul>
<b>WPS Button</b>	<ul style="list-style-type: none"><li>• Enable Wi-Fi Protected Setup (WPS) function</li></ul>
<b>Connection Type</b>	<ul style="list-style-type: none"><li>• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP</li><li>• To be supported (Big Pond, Russia Ppoe, PPTP, and L2TP)</li></ul>
<b>UPnP</b>	<ul style="list-style-type: none"><li>• UPnP IGD 1.0 compliant</li></ul>
<b>DMZ</b>	<ul style="list-style-type: none"><li>• DMZ host &amp; Virtual Servers</li></ul>
<b>DNS</b>	<ul style="list-style-type: none"><li>• Static or WAN assigned DNS servers; 3 verified services for DDNS</li></ul>
<b>Internet Access Control</b>	<ul style="list-style-type: none"><li>• MAC Address Filter, Domain/URL Filter, Protocol/IP Filter</li></ul>
<b>Logging</b>	<ul style="list-style-type: none"><li>• 5 types of event logging; email report</li></ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"><li>• Power, LAN1~LAN4, WAN, WLAN, Status</li></ul>
<b>Power Adapter</b>	<ul style="list-style-type: none"><li>• 7.5V DC, 1A external power adapter</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 4.5watts (max.)</li></ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"><li>• 150 x 130 x 30 mm (5.9 x 5.1 x 1.2 inches)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 245g (8.6 oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operation: 0°~ 40°C (32°F~ 104°F); Storage: -10°~ 70°C (14°F~158° F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max. 90% (non-condensing)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>
Wireless	
<b>Frequency</b>	<ul style="list-style-type: none"><li>• 2.412~2.484GHz band</li></ul>
<b>Antenna</b>	<ul style="list-style-type: none"><li>• 2 x 2dBi fixed dipole antennas</li></ul>
<b>Media Access Protocol</b>	<ul style="list-style-type: none"><li>• CSMA/CA with ACK</li></ul>
<b>Data Rate</b>	<ul style="list-style-type: none"><li>• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps</li><li>• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps</li><li>• 802.11n: up to 300Mbps</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• WEP(HEX/ASCII): 64/128-bit</li><li>• WPA(AES/TKIP): WPA/WPA2, WPA-PSK/WPA2-PSK</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• 802.11b: 17dBm (typical)</li><li>• 802.11g: 13dBm (typical)</li><li>• 802.11n: 13dBm (typical)</li></ul>
<b>Receiving Sensitivity</b>	<ul style="list-style-type: none"><li>• 802.11b: -85dBm (typical) @ 11mpbs</li><li>• 802.11g: -68dBm (typical) @ 54Mbps</li><li>• 802.11n: -62dBm @ 300Mbps</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 1~11 (FCC), 1~13 (ETSI)</li></ul>

\* 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.

\*\* Internet Explorer 6.0 and above is recommended

# Wireless N Home Router

## TEW-652BRP (V2.0R)

### NETWORKING SOLUTIONS

#### Wireless N Home Router (TEW-652BRP)



300Mbps, share multimedia throughout the house

### PACKAGE CONTENTS

- TEW-652BRP
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power adapter (7.5V DC, 1A)
- Cat. 5 Ethernet cable (1.5m/5ft.)

### RELATED PRODUCTS

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

### ORDERING INFORMATION

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