



## N300 Wireless Home Router TEW-652BRP (V3.2R)

The N300 Wireless 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.)\*
- Outdoor coverage up to 300 meters (980ft.)\*
- Works with Windows, Linux and Mac operating systems
- 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.

\*\* Internet Explorer 6.0 and above is recommended

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## SPECIFICATIONS

### HARDWARE

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.11b/g/n, IEEE 802.3az</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>• Enables 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></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>SNMP</b>	<ul style="list-style-type: none"><li>• Up to 3 external trap receivers</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 Switch</b>	<ul style="list-style-type: none"><li>• On/Off power switch</li></ul>
<b>Power Adapter</b>	<ul style="list-style-type: none"><li>• A/EU: 5V DC, 1A external power adapter</li><li>• UK: 5V DC, 1.2A external power adapter</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 3.0 watts (max)</li></ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"><li>• 158 x 109 x 34mm (6.2 x 4.3 x 1.3in)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 210g (7.4oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operation: 0°~ 40°C (32°F~ 104°F)</li><li>• 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>

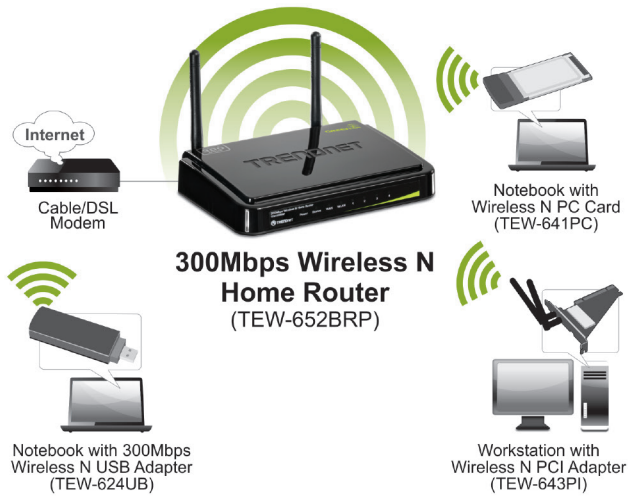
### Wireless

<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: Up to 11Mbps</li><li>• 802.11g: Up to 54Mbps</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-RADIUS, WPA-PSK/WPA2-PSK</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• 802.11b: 15dBm (typical)</li><li>• 802.11g: 15dBm (typical)</li><li>• 802.11n: 13dBm (typical)</li></ul>
<b>Receiving Sensitivity</b>	<ul style="list-style-type: none"><li>• 802.11b: -85dBm (typical) @ 11Mbps</li><li>• 802.11g: -68dBm (typical) @ 54Mbps</li><li>• 802.11n: -62dBm (typical) @ 300Mbps</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 1~ 11 (FCC), 1~13 (ETSI)</li></ul>

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TEW-652BRP (V3.2R)

## NETWORKING SOLUTIONS



300Mbps, share multimedia throughout the house

## PACKAGE CONTENTS

TEW-652BRP

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Power adapter

Network cable (1.5m / 4.9ft.)

## RELATED PRODUCTS

<b>TEW-641PC</b>	Wireless N PC Card
<b>TEW-649UB</b>	Mini Wireless N Speed USB Adapter
<b>TEW-643PI</b>	Wireless N PCI Adapter
<b>TEW-624UB</b>	300Mbps Wireless N USB Adapter

## CONTACT INFORMATION

**TRENDnet**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

**1-888-326-6061**

