



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

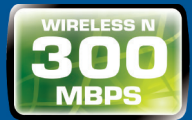
- Wi-Fi compliant with IEEE 802.11n and IEEE 802.11b/g standards
- 4 x 10/100Mbps Auto-MDIX LAN port and 1 x 10/100Mbps WAN port (Internet)
- Supports Cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP, L2TP & BigPond connection types
- High-speed data rates up to 300Mbps using an IEEE 802.11n 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

| | |
|--------------------------------|--|
| Standards | • IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.11b/g/n, IEEE 802.3az |
| WAN | • 1 x 10/100Mbps Auto-MDIX port (Internet) |
| LAN | • 4 x 10/100Mbps Auto-MDIX ports |
| WPS Button | • Enables Wi-Fi Protected Setup (WPS) function |
| Connection Type | • Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP |
| UPnP | • UPnP IGD 1.0 compliant |
| DMZ | • DMZ host & Virtual Servers |
| DNS | • Static or WAN assigned DNS servers; 3 verified services for DDNS |
| SNMP | • Up to 3 external trap receivers |
| 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, Status |
| Power Switch | • On/Off power switch |
| Power Adapter | • A/EU: 5V DC, 1A external power adapter • UK: 5V DC, 1.2A external power adapter |
| Power Consumption | • 3.0 watts (max) |
| Dimension (L x W x H) | • 158 x 109 x 34mm (6.2 x 4.3 x 1.3in) |
| Weight | • 210g (7.4oz) |
| Temperature | • Operation: 0°~ 40°C (32°F~ 104°F) • Storage: -10°~ 70°C (14°F~158° F) |
| Humidity | • Max. 90% (non-condensing) |
| Certifications | • CE, FCC |

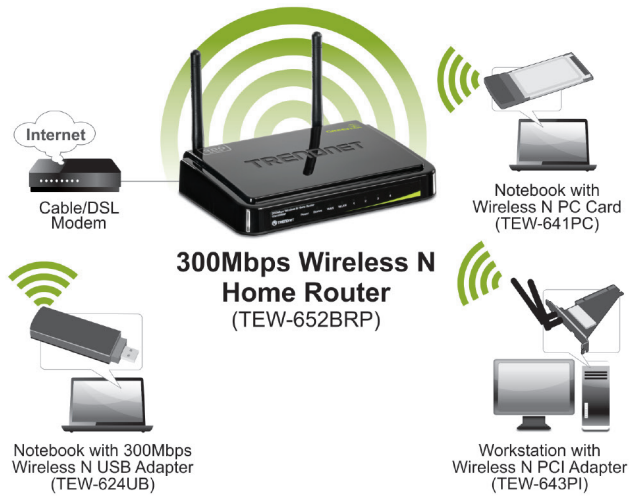
Wireless

| | |
|------------------------------|---|
| Frequency | • 2.412~2.484GHz band |
| Antenna | • 2 x 2dBi fixed dipole antennas |
| Media Access Protocol | • CSMA/CA with ACK |
| Data Rate | • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps |
| Security | • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK |
| Output Power | • 802.11b: 15dBm (typical) • 802.11g: 15dBm (typical) • 802.11n: 13dBm (typical) |
| Receiving Sensitivity | • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps |
| Channels | • 1~ 11 (FCC), 1~13 (ETSI) |

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NETWORKING SOLUTIONS



PACKAGE CONTENTS

TEW-652BRP

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Power adapter

Network cable (1.5m / 4.9ft.)

RELATED PRODUCTS

| | |
|------------------|-----------------------------------|
| TEW-641PC | Wireless N PC Card |
| TEW-649UB | Mini Wireless N Speed USB Adapter |
| TEW-643PI | Wireless N PCI Adapter |
| TEW-624UB | 300Mbps Wireless N USB Adapter |

CONTACT INFORMATION

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