



300Mbps Wireless N Home Router TEW-652BRP(V3.1R)

The 300Mbps 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.)*
- 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	<ul style="list-style-type: none">• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3az (draft 2.0)• Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0), IEEE 802.11e QoS
WAN	<ul style="list-style-type: none">• 1 x 10/100Mbps Auto-MDIX port (internet)
LAN	<ul style="list-style-type: none">• 4 x 10/100Mbps Auto-MDIX ports
WPS Button	<ul style="list-style-type: none">• Enable Wi-Fi Protected Setup (WPS) function
Connection Type	<ul style="list-style-type: none">• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP
UPnP	<ul style="list-style-type: none">• UPnP IGD 1.0 compliant
DMZ	<ul style="list-style-type: none">• DMZ host & Virtual Servers
DNS	<ul style="list-style-type: none">• Static or WAN assigned DNS servers; 3 verified services for DDNS
SNMP	<ul style="list-style-type: none">• Up to 3 external trap receivers
Internet Access Control	<ul style="list-style-type: none">• MAC Address Filter, Domain/URL Filter, Protocol/IP Filter
Logging	<ul style="list-style-type: none">• 5 types of event logging; email report
LED Indicator	<ul style="list-style-type: none">• Power, LAN1~LAN4, WAN, WLAN, Status
Power Switch	<ul style="list-style-type: none">• On/Off power switch
Power Adapter	<ul style="list-style-type: none">• A: 5V DC, 1A external power adapter • EU/UK: 5V DC, 1.2A external power adapter
Power Consumption	<ul style="list-style-type: none">• 3.0 watts (max.)
Dimension (L x W x H)	<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">• 210g (7.4oz)
Temperature	<ul style="list-style-type: none">• Operation: 0°~ 40°C (32°F~ 104°F); Storage: -10°~ 70°C (14°F~158° F)
Humidity	<ul style="list-style-type: none">• Max. 90% (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC
Wireless	
Frequency	<ul style="list-style-type: none">• 2.412~2.484GHz band
Antenna	<ul style="list-style-type: none">• 2 x 2dBi fixed dipole antennas
Media Access Protocol	<ul style="list-style-type: none">• CSMA/CA with ACK
Data Rate	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• WEP(HEX/ASCII): 64/128-bit• WPA(AES/TKIP): WPA/WPA2, WPA-PSK/WPA2-PSK
Output Power	<ul style="list-style-type: none">• 802.11b: 17dBm (typical) • 802.11g: 13dBm (typical) • 802.11n: 13dBm (typical)
Receiving Sensitivity	<ul style="list-style-type: none">• 802.11b: -85dBm (typical) @ 11mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps
Channels	<ul style="list-style-type: none">• 1~11 (FCC), 1~13 (ETSI)

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NETWORKING SOLUTIONS

300Mbps Wireless N Home Router (TEW-652BRP)



PACKAGE CONTENTS

- TEW-652BRP
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power adapter
- Cat. 5 Ethernet 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

ORDERING INFORMATION

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