



## 150Mbps Wireless N ADSL 2/2+ Modem Router TEW-657BRM(V1.0R)

The 150Mbps Wireless N ADSL 2/2+ Modem Router (model TEW-657BRM) provides both Internet access and a high speed wireless n network.

No need to buy a separate modem and router. Install this device easily and browse the Internet, download files, and talk online with the latest in wireless n technology.

Installation is a breeze with a step-by-step setup wizard. Manage access to the Internet with built-in content filtering. Connect computers, game consoles, media players, and storage devices to the integrated 4-port switch. The latest in wireless encryption and a double firewall protect your valuable data. One-touch Wi-Fi Protected Setup (WPS) connects WPS peripheral devices at the touch of a button.

## FEATURES

- 4 x 10/100Mbps Auto-MDIX RJ-45 LAN ports
- 1 x RJ-11 WAN port (Internet)
- Supports DSL service providers with Dynamic IP, Static IP and PPPoE connection types
- High-speed data rates up to 150Mbps using an IEEE 802.11n connection
- Network Address Translation (NAT) firewall
- Quality of Service (QoS) technology prioritizes gaming, Internet calls and streaming video
- Supports Wireless Distribution System (WDS) to extend your wireless network
- Multiple SSID support
- Wi-Fi Protected Setup (WPS) button for simple network connectivity
- Universal Plug and Play (UPnP) and Application Level Gateway (ALG) 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 and URL Filtering)
- Easy remote management via Web browser
- Advanced wireless encryption: WEP, WPA/WPA-RADIUS and WPA/WPA2-PSK
- Indoor coverage up to 100 meters (330ft.) and outdoor coverage up to 300 meters (980ft.)\*
- 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.

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### SPECIFICATIONS

Hardware	
<b>Standard</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, based on IEEE 802.11n technology</li></ul>
<b>ATM</b>	<ul style="list-style-type: none"><li>• VC and LLC Multiplexing</li><li>• Bridged/Routed Ethernet over ATM (RFC1483/2684)</li><li>• OAM F4/F5 loop-back</li><li>• PPP over ATM (RFC2364)</li><li>• PPP over Ethernet (RFC2516)</li></ul>
<b>WAN Port (ADSL line Interface)</b>	<ul style="list-style-type: none"><li>• 1x RJ-11 port Complies with ADSL standards: ANSI T1.413 Issue2 G.992.1 (G.dmt, Annex A) G.992.2 (G.lite)</li><li>• Complies with ADSL2 standard: G.992.3 (G.dmt.bis)</li><li>• Complies with ADSL2+ standard: G.992.5 Annex M</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>UPnP</b>	<ul style="list-style-type: none"><li>• UPnP IGD 1.0 compliant</li></ul>
<b>Firewall</b>	<ul style="list-style-type: none"><li>• NAT, Access Control, URL Content Filter</li></ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"><li>• Power, WPS, LAN1~LAN4, WLAN, ADSL and Internet</li></ul>
<b>Power Adapter</b>	<ul style="list-style-type: none"><li>• 12V DC, 1A external power adapter</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 6.03 watts (max)</li></ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"><li>• 150 x 145 x 26 mm (5.9 x 5.7 x 1.0 in.)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 275 g (9.7 oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operation: 0°C ~ 40°C (32°F ~ 104°F)</li><li>• Storage: -20°C ~ 60°C (-4°F ~ 140°F) non-condensing</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>• 2.415 ~2.484GHz band</li></ul>
<b>Modulation</b>	<ul style="list-style-type: none"><li>• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)</li></ul>
<b>Antenna</b>	<ul style="list-style-type: none"><li>• 1 x 2dBi detachable dipole antenna</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 135Mbps</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: 18dBm (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: -83dBm (typical) @ 11Mbps</li><li>• 802.11g: -66dBm (typical) @ 54Mbps</li><li>• 802.11n: -62dBm (typical) @ *135Mbps</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 1~ 11 (FCC), 1~13 (ETSI)</li></ul>

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## PACKAGE CONTENTS



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- TEW-657BRM
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power adapter (12V DC, 1A)
- Cat. 5 Ethernet cable (1.5m /5ft.)
- RJ-11 telephone cable (9m /3ft)

## RELATED PRODUCTS

TEW-648UB	150Mbps Mini Wireless N USB Adapter
TEW-644UB	Wireless N USB Adapter
TEW-643PI	Wireless N PCI Adapter

## ORDERING INFORMATION

### TRENDnet®

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