



## 300Mbps Wireless N ADSL 2/2+ Modem Router TEW-658BRM(V1.0R)

The 300Mbps Wireless N ADSL 2/2+ Modem Router, model TEW-658BRM, provides both Internet access and a high-performance wireless n network in a single solution.

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

Connect computers, game consoles, media players, and DVRs to the built-in 4-port switch. The latest in wireless encryption and a double firewall protect your valuable data. WMM® Quality of Service (QoS) technology prioritizes online gaming, Internet calls, and video streams. 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)
- On/ off power button
- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11b/g devices
- 2 x fixed 2dBi antennas for high speed performance and expansive coverage with MIMO antenna technology
- Router + Modem or Modem Only modes
- Compliant with ADSL, ADSL2, and ADSL2+ standards
- Supports up to 8 PVCs
- VLAN support and Quality of Service (QoS) technology prioritizes gaming, Internet calls, and streaming video
- Advance Firewall protection with Network Address Translation (NAT) and Stateful Packet Inspection (SPI)
- Internet Access Control via IP/MAC Address Filtering and Domain/Keyword Filtering
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Advanced wireless encryption : 64/128 bit WEP, WPA/WPA2-RADIUS, and WPA/WPA2-PSK
- One touch wireless connection using the WPS button
- Universal Plug and Play (UPnP)
- Easy Web browser configuration and remote management
- Supports TR069 remote management and command line interface (CLI) via telnet
- 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.

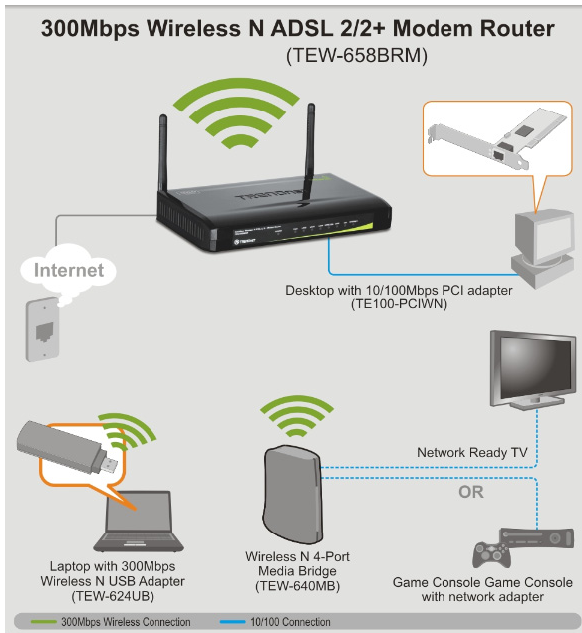
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## SPECIFICATIONS

HARDWARE	
<b>Standards</b>	• IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>RJ-11 Port (ADSL line Interface)</b>	<ul style="list-style-type: none"> <li>• Complies with ADSL standards               <ul style="list-style-type: none"> <li>• ANSI T1.413 Issue2</li> <li>• G.992.1 (G.dmt, Annex A)</li> <li>• G.992.2 (G.lite)</li> </ul> </li> <li>• Complies with ADSL2 standard               <ul style="list-style-type: none"> <li>• 992.3 (G.dmt.bis)</li> </ul> </li> <li>• Complies with ADSL2+ standard               <ul style="list-style-type: none"> <li>• G.992.5 Annex M</li> </ul> </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> <li>• ATM Traffic QoS (UBR, CBR, rt-VBR, nrt-VBR)</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• Web based Configuration (HTTP)</li> <li>• Command Line Interface (CLI) via Telnet</li> <li>• TR-069 Remote Management</li> <li>• IGMP v1/v2 Support</li> <li>• SW upgrade</li> </ul>
<b>LAN</b>	• 4 x 10/100Mbps Auto-MDIX ports
<b>Button</b>	<ul style="list-style-type: none"> <li>• Power: On/off power button</li> <li>• WPS: Enables Wi-Fi Protected Setup (WPS) function</li> <li>• Reset: Reset to factory defaults</li> </ul>
<b>Firewall</b>	• NAT, SPI, Content Filter; IP, MAC, Domain, and Keyword
<b>LED Indicator</b>	• Power, LAN1~LAN4, WLAN, ADSL and Internet, WPS
<b>Power Adapter</b>	• 12V DC, 1A external power adapter
<b>Power Consumption</b>	• 8.4 watts (max)
<b>Dimension (L x W x H)</b>	• 201 x 116 x 31 mm (8 x 4.6 x 1.2 in.)
<b>Weight</b>	• 301 g (10.6oz)
<b>Temperature</b>	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
<b>Humidity</b>	• Max. 95% (non-condensing)
<b>Certifications</b>	• CE, FCC
Wireless	
<b>Frequency</b>	• 2.415 ~2.484GHz band
<b>Modulation</b>	• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)
<b>Antenna</b>	• 2 x 2dBi fixed dipole antennas
<b>Data Rate</b>	• 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 300Mbps
<b>Security</b>	• WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK
<b>Output Power</b>	• 802.11b: 15dBm (typical) • 802.11g: 12dBm (typical) • 802.11n: 11dBm (typical)
<b>Receiving Sensitivity</b>	• 802.11b: -80dBm (typical) @ 11Mbps • 802.11g: -65dBm (typical) @ 54Mbps • 802.11n: -64dBm (typical) @ 300Mbps
<b>Channels</b>	• 1~ 11 (FCC), 1~13 (ETSI)

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## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TEW-658BRM
Multi-Language Quick Installation Guide
CD-ROM (User's Guide)
Power adapter (12V DC, 1A)
Network cable (1.5m / 5ft.)
RJ-11 telephone cable (1m / 3ft.)

## RELATED PRODUCTS

<b>TEW-624UB</b>	300Mbps Wireless N USB Adapter
<b>TEW-640MB</b>	300Mbps Wireless N 4-Port Media Bridge
<b>TEW-623PI</b>	300Mbps Wireless N PCI Adapter

## CONTACT INFORMATION

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