TRENDNET®

WIRELESS
N150

3G Mobile Wireless Router
TEW-716BRG (v1.0R)

TRENDnet's 3G Mobile Wireless Router, model TEW-716BRG, shares a single internet connection from a compatible USB 3G modem provider (such as Sprint™, AT&T™, or Verizon™) with multiple users. Compatible with USB dongles from every mobile provider, this compact router shares an internet connection anywhere there is a 3G* mobile signal. No installation is required with auto-recognized modems; simply plug and go.

The router can be powered directly from a laptop's USB ports, eliminating the search for an electrical outlet. The device also features a built in hanging hook allowing users to neatly hang the TEW-716BRG on the back of a laptop screen while working. The TEW-716BRG makes it easy to share a single internet connection while at the airport, job site, carpooling, or even while on vacation.

PRODUCT OVERVIEW

- Share a single 3G mobile connection with multiple users
- Compatible with 3G USB modems from every mobile provider
- Can be powered from a laptop's USB ports
- One-touch connection with Wi-Fi Protected Setup (WPS)

FEATURES

- USB 2.0 port (3G dongle internet)

- USB power port

- Hanging clip neatly hangs the TEW-716BRG on the back of most laptop screens

- High-speed data rates of up to 150 Mbps based on IEEE 802.11n*

- Compliant with IEEE 802.11b/g standards

- Works with UMTS / HSPA, WCDMA (HSDPA), CDMA2000 (EV-DO), and TD-SCDMA mobile networks**

- Third party wireless 3G dongles connects to ISPs such as AT&T™, Sprint™, T-Mobile™, or Verizon™***

- Powered by computer's USB ports for easy portability or by an optional electrical adapter

- Advanced wireless encryption of up to WPA2-PSK

- Built-in antennas provide high-speed performance and expansive wireless coverage

- Quality of Service (QoS) prioritization controls

- Advanced Firewall protection with Network Address Translation (NAT), Stateful Packet Inspection (SPI), and Denial of Service (DoS) Attacks

- Static and Dynamic RIP V1/2 routing support

- Access restriction with Internet Access Control by URL, Domain, packet type, and MAC address

- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of internet applications

- Easy setup via web browser using Internet Explorer 6.0 or above, Firefox 2.0 or above, Chrome, Opera, Safari

- One touch wireless connection to wireless clients using the WPS button

- Easy setup installation wizard with built-in WAN auto detection

- 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.

** Go to www.trendnet.com for a list of compatible 3G USB modems

*** Must have an active internet plan with the respective third party mobile provider

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SPECIFICATIONS

HARDWARE	
Standards	• IEEE 802.11b, IEEE 802.11g, Based on IEEE 802.11n technology • USB: USB 2.0, USB 1.1
USB Port	• 1 x USB 2.0 port for 3G* USB adapter (internet) • 1 x USB 2.0 mini-Type B power port
WAN Connection Type	• USB: 3G
Compatible Mobile Networks	• UMTS / HSPA, WCDMA (HSDPA), CDMA2000 (EV-DO), and TD-SCDMA
Compatible USB Modems	• List of compatible USB modems
Router / Firewall	• NAT, NAPT, and SPI • Static / Dynamic Route (RIP v1/v2) • UPnP, DMZ, Static / Dynamic Route support • DoS protection, MAC / Packet / Domain and URL filtering (deny or allow).
Power Switch	• On / off power switch
WPS / Reset Button	• Wi-Fi Protected Setup (WPS) - Automated wireless connection push button (Hold for 3 seconds) • Reset button - Factory Default (Hold for 20 seconds)
LED Indicator	• Power / Wireless / WPS, USB (3G modem)
Power Adapter	• Input: 100 ~240 V AC, 50~60 Hz, 0.2 A • Output: 5 V DC, 1.2 A
Power Consumption	• 350 mA (max.)
Dimension (L x W x H)	• 93 x 65 x 19.5 mm (3.66 x 2.56 x 0.77 in)
Weight	• 66 g (2.3 oz)
Temperature	• Operation: 0°~ 40°C (32°F~ 104°F) • Storage: -10°~ 70°C (14°F~158°F)
Humidity	• Max 95% (non-condensing)
Certifications	• CE, FCC
WIRELESS	
Frequency	• 2.400 ~ 2.484 GHz
Modulation	• OFDM, DSSS, BPSK, QPSK, CCK
Data Rate	• 802.11b: up to 11 Mbps • 802.11g: up to 54 Mbps • 802.11n: up to 150 Mbps
Security	• 64/128-bit WEP, WPA / WPA2-PSK
Output Power	• 802.11b: 13 dBm @ 11 Mbps • 802.11g: 11 dBm @ 54 Mbps • 802.11n: 10 dBm @ 150 Mbps
Receiving Sensitivity	• 802.11b: -85 dBm @ 11 Mbps • 802.11g: -70 dBm @ 54 Mbps • 802.11n: -68 dBm @ 150 Mbps
Channels	• 1~11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTIONS

3G Mobile Wireless Router

(TEW-716BRG)

3G — 150 Mbps Wireless

PACKAGE CONTENTS

TEW-716BRG

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

USB power cable

Power adapter (5 V, 1.2 A)

RELATED PRODUCTS

TEW-648UB	N150 Mini Wireless USB Adapter
TEW-648UBM	N150 Micro Wireless USB Adapter
TEW-655BR3G	3G Mobile Wireless Router

CONTACT INFORMATION

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