TRENDNET®

300Mbps Wireless N ADSL2/2+ Modem Router
TEW-635BRM(V2.0R)

The 300Mbps Wireless N ADSL 2/2+ Modem Router delivers 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 easily and surf the Internet, download files, play games and talk online with 300Mbps wireless n technology.

Connect computers, gaming consoles, media players and storage devices to the built in 4-port switch. The latest in wireless encryption and a double firewall protect your valuable data. Advanced antenna technology (MIMO) delivers broad coverage and minimizes dead spots. One-touch Wi-Fi Protected Setup (WPS) synchronizes 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)
- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11b/g devices
- Router + Modem or Modem Only mode
- Compliant with ADSL, ASDL2 and ADSL2+ standards
- Auto detection for PPPoE and PPPoA Internet connection types
- 2 detachable 2dBi antennas support high speed performance and expansive coverage with MIMO antenna technology
- Wireless Distribution System (WDS) support
- Quality of Service (QoS) technology prioritizes gaming, Internet calls and streaming video
- Multiple SSID and isolation support
- NAT and SPI firewalls
- Universal Plug and Play (UPnP) and Application Level Gateway (ALG) support for Internet applications such as e-mail, FTP, gaming, remote desktop, Net Meeting and telnet
- Internet Access Control via MAC Address and URL Filtering
- Easy Web browser configuration and remote management
- Advanced wireless encryption : 64/128 bit WEP, WPA/WPA2-RADIUS and WPA/WPA2-PSK
- 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.
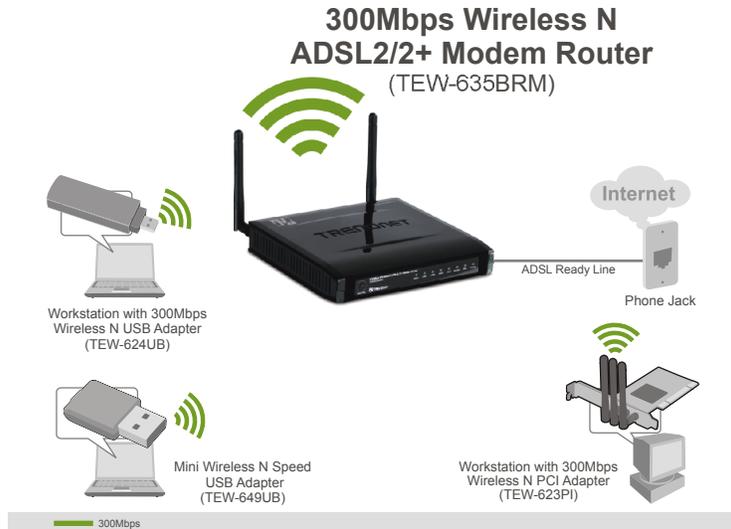
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SPECIFICATIONS

Hardware	
Standard	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
ATM	• VC and LLC Multiplexing • Bridged/Routed Ethernet over ATM (RFC1483/2684) • OAM F4/F5 loop-back • PPP over ATM (RFC2364) • PPP over Ethernet (RFC2516)

WAN Port (ADSL line Interface)	• 1x RJ-11 port
	• Complies with ADSL standards • Complies with ADSL2 standard • Complies with ADSL2+ standard
	  ANSI T1.413 Issue2 G.992.3 (G.dmt.bis) G.992.5 Annex M
	  G.992.1 (G.dmt, Annex A)
	  G.992.2 (G.lite)

LAN	• 4 x 10/100Mbps Auto-MDIX port
WPS Button	• Wi-Fi Protected Setup button
Reset Button	• Reset to factory defaults
UPnP	• UPnP IGD 1.0 compliant
Firewall	• NAT, SPI, Access Control, URL Content Filter, MAC Address Filter (Up to 32 entries)
LED Indicator	• Security, Power, WPS, LAN1~LAN4, WLAN, ADSL and Internet
Power Adapter	• 12V DC, 1A external power adapter
Power Consumption	• 6.1 watts (max.)
Dimensions (LxWxH)	• 150 x 140 x 26 mm (5.9 x 5.7 x 1.02 in.)
Weight	• 275 g (9.7 oz)
Temperature	• Operating: 0°C ~ 40°C (32°F ~ 104°F); Storage: -20°C ~ 60°C (-4°F ~ 140°F) non-condensing
Humidity	• Max. 90% (non-condensing)
Certification	• FCC, CE
Wireless	
Frequency	• 2.415 ~2.484GHz band
Modulation	• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)
Antenna	• 2 x 2dBi detachable dipole antennas
Data Rate	• 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 270Mbps
Security	• WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n: 13dBm (typical)
Receiving Sensitivity	• 802.11b: -83dBm (typical) @ 11Mbps • 802.11g: -72dBm (typical) @ 54Mbps • 802.11n: -63dBm (typical) @ 270Mbps
Channels	• 1~ 11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTION

**300Mbps Wireless N
ADSL2/2+ Modem Router**
(TEW-635BRM)

Internet

ADSL Ready Line

Phone Jack

Workstation with 300Mbps
Wireless N USB Adapter
(TEW-624UB)

Mini Wireless N Speed
USB Adapter
(TEW-649UB)

Workstation with 300Mbps
Wireless N PCI Adapter
(TEW-623PI)

300Mbps

PACKAGE CONTENTS

- TEW-635BRM
- 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 (0.9m / 3ft.)

RELATED PRODUCTS

TEW-649UB	Mini Wireless N Speed USB Adapter
TEW-623PI	300Mbps Wireless N PCI Adapter
TEW-624UB	300Mbps Wireless N USB Adapter

ORDERING INFORMATION

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