





# N300 Wireless Home Router w/ USB Port TEW-652BRU (v1.0R)

The N300 Wireless Home Router w/ USB Port (model TEW-652BRU) delivers high performance wireless n speed, coverage, and security.

Share data across your network by connecting USB flash drives, hard drives, or printers directly to the USB share port on the front of the router. Network wired devices to the four Fast Ethernet ports on the back of the router.

GREENnet technology reduces power consumption by up to 50%. Advanced Multiple Input Multiple Output (MIMO) antenna technology reduces wireless dead spots. Wi-Fi Protected Setup (WPS) connects other WPS supported wireless adapters at the touch of a button. The latest in wireless encryption and a secure firewall protect your digital network. WMM® Quality of Service (QoS) technology prioritizes gaming, Internet calls, and video streams. LEDs on the front of the router convey device status.

### **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)
- 1 x USB 2.0 port for file & printer sharing\*
- Supports Cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP, & L2TP 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 m (330 ft.)\*\*
- Outdoor coverage up to 300 m (980 ft.)\*\*
- · 3- year limited warranty
- \* Requires included software utility
- \*\* 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

# N300 Wireless Home Router w/ USB Port





## **SPECIFICATIONS**

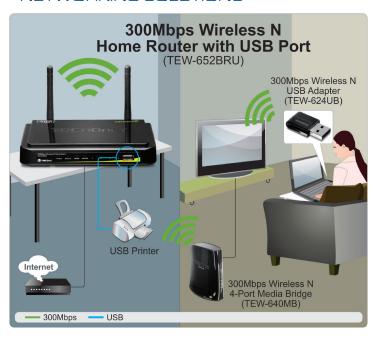
Standards   IEEE 802.3 (10BASE-T), IEEE 802.3 (100BASE-TX), IEEE 802.1 big/n, IEEE 802.3 az	HARDWARE	
WAN         -1 x 10/100Mbps Auto-MDIX ports           LAN         -4 x 10/100Mbps Auto-MDIX ports           USB         -1 x USB 2.0 port for file and printer sharing"           WPS Button         Enables Wi-Fi Protected Setup (WPS) function           Utility OS Compatibility         •Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit), MAC OS X 10.4, 10.5, 10.6, 10.7           Connection Type         •Dynamic IP, Static (Fixed) IP, PPPOE, PPTP, L2TP           DMZ         •DMZ host & Virtual Servers           ONS         • Static or WAN assigned DNS servers; 3 verified services for DDNS           SNMP         •Up to 3 external trap receivers           Internet Access Control         •MAC Address Filter, Domain/URL Filter, Protocol/IP Filter           Logging         •5 types of event logging; email report           LED Indicator         • Power, LANT-LAN4, WAN, WLAN, Status           Power Switch         • On/Off power switch           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 158 x 109 x 3.2 mm (6.2 x 4.3 x 1.3 in.)		• IEEE 802.3 (10RASE T) IEEE 802.3u (100RASE TV) IEEE 802.11b/g/p. IEEE 802.3az
LAN         • 4 x 10/100Mbps Auto-MDIX ports           USB         • 1 x USB 2.0 port for file and printer sharing*           WPS Button         • Enables Wi-Fi Protected Setup (WPS) function           Utility OS Compatibility         • Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit), MAC OS X 10.4, 10.5, 10.6, 10.7           Connection Type         • Dynamic IP, Static (Fixed) IP, PPPDE, PPTP, L2TP           DMZ         • DMZ host & Virtual Servers           DNS         • Static or WAN assigned DNS servers; 3 verified services for DDNS           SNMP         • Up to 3 external trap receivers           Internet Access Control         • MAC Address Filter, Domain/URL Filter, Protocol/IP Filter           Logging         • 5 types of event logging; email report           LED Indicator         • Power, LAN1-LAN4, WAN, WLAN, Status           Power Adapter         • 5 VDC, 2A external power adapter           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 co.2)           Temperature         • Operation: 0°- 40° (32°F− 104°F)           • Slorage: -10°- 70°C (14°F−168°F)           Hunicity         • Max. 95% (non-condensing)           Certifications         • C.E. F.C.C           WIRELES           Wireles<		
USB         1 x USB 2.0 port for file and printer sharing*           WPS Button         c Enables Wi-Fi Protected Setup (WPS) function           Utility OS Compatibility         *** (Saz/64-bit), Vista (32/64-bit), XP (32/64-bit), MAC OS X 10.4, 10.5, 10.6, 10.7           Connection Type         *** Dynamic IP, Static (Fixed) IP, PPPDE, PPTP, L2TP           DMZ         *** DMAZ host & Virtual Servers           DNS         *** Static or WAN assigned DNS servers; 3 verified services for DDNS           SNMP         *** Up to 3 external trap receivers           Internet Access Control         *** MAC Address Filter, Domain/URL Filter, Protocol/IP Filter           Loggling         *** 5 types of event logging; email report           LED Indicator         *** Power, LAN1~LAN4, WAN, WLAN, Status           Power Switch         *** On/Off power switch           Power Adapter         *** 5V DC, 2A external power adapter           Power Consumption         *** 6 wats (max)           Dimension (L x W x H)         *** 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         *** 215 g (7.6 oz)           Temperature         *** Operation: 0^** 40°* C (32°F – 104°F)           *** Storage: -10°* 70°* C (14°F-158°F)           Humidity         *** Max. 95% (non-condensing)           Certifications         *** OE; FCC           Wirelassian		
VPS Button		· · · · · · · · · · · · · · · · · · ·
Wildows 7 (32/64-bit), Vista (32/64-bit), VP (32/64-bit), MAC OS X 10.4, 10.5, 10.6, 10.7		- · · · · · · · · · · · · · · · · · · ·
Connection Type         DMZ host & Virtual Servers           DMZ         + DMZ host & Virtual Servers           DNS         + Static or WAN assigned DNS servers; 3 verified services for DDNS           SNMP         + Up to 3 external trap receivers           Internet Access Control         + MAC Address Filter, Domain/URL Filter, Protocol/IP Filter           Logging         + 5 types of event logging; email report           LED Indicator         + Power, LAN1-LAN4, WAN, WLAN, Status           Power Switch         + On/Off power switch           Power Adapter         + 5V DC, 2A external power adapter           Power Consumption         + 6 watts (max)           Dimension (L x W x H)         + 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         + 215 g (7.6 oz)           Temperature         + Operation: 0° - 40° C (32° F - 104° F)           + Unmidity         + Max. 95% (non-condensing)           Certifications         + CE, FCC           Wisclassian         + 2 x 228 if Ked dipole antennas           Modulation         + DSSS, DBPSK, DOPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         + 2 x 12-2 x 84GHz           Antenna         + 2 x 228 if Ked dipole antennas           Media Access Protocol         + CSMA/CA with ACK           Data Rate         + 802 x		* * * *
DMZ         • DMZ host & Virtual Servers           DNS         • Static or WAN assigned DNS servers; 3 verified services for DDNS           SNMP         • Up to 3 external trap receivers           Internet Access Control         • MAC Address Filter, Domain/URL Filter, Protocot/IP Filter           Logging         • 5 ty pes of event logging; email report           LED Indicator         • Power, LAN1~LAN4, WAN, WLAN, Status           Power Switch         • On/Off power switch           Power Adapter         • 5V DC, 2A external power adapter           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 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           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 54Mbps • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11b: 15dBm +/- 1.5dB (typ	Utility OS Compatibility	• Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit), MAC OS X 10.4, 10.5, 10.6, 10.7
Static or WAN assigned DNS servers; 3 verified services for DDNS   SNMP	Connection Type	Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP
SNMP   Up to 3 external trap receivers     Internet Access Control   MAC Address Filter, Domain/URL Filter, Protocol/IP Filter     Logging   5 types of event logging; email report     LED Indicator   Power, LAN1~LAN4, WAN, WLAN, Status     Power Switch   On/Off power switch     Power Adapter   5 VD C, 2A external power adapter     Power Consumption   6 watts (max)     Dimension (L x W x H)   158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)     Weight   215 g (7.6 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     Modulation   DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM     Frequency   2.412-2.494GHz     Antenna   2.2 x 2dBi fixed dipole antennas     Media Access Protocol   CSMA/CA with ACK     Data Rate   802.11b: Up to 11Mbps     802.11b: Up to 54Mbps     802.11b: Up to 300Mbps     Security   WEPCHEX/ASCII): 64/128-bit     WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK     Output Power   802.11b: 15dBm +/ 1.5dB (typical)     802.11b: -65dBm (typical) @ 11Mbps     802.11b: -65dBm (typical) @ 300Mbps     802.11b: -65dBm (typical) @ 300Mbps     802.11c: -62dBm (typical) @ 300Mbps     Receiving Sensitivity   802.11b: -65dBm (typical) @ 300Mbps     Security   Sensit		
Internet Access Control  - MAC Address Filter, Domain/URL Filter, Protocol/IP Filter  Logging - 5 types of event logging; email report  LED Indicator - Power, LAN1~LAN4, WAN, WLAN, Status  Power Switch - On/Off power switch  Power Adapter - 5V DC, 2A external power adapter  Power Consumption - 6 watts (max)  Dimension (L x W x H) - 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)  Weight - 215 g (7.6 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  Modulation - DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM  Frequency - 2.412~2.484GHz - Antenna - 2 x 2dBi fixed dipole antennas  Media Access Protocol - CSMA/CA with ACK  Data Rate - 802.11b: Up to 11Mbps - 802.11b: Up to 300Mbps  Security - WEP(HEX/ASCII): 64/128-bit - WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK  Output Power - 802.11b: -68dBm (typical) - 802.11b: -6	DNS	Static or WAN assigned DNS servers; 3 verified services for DDNS
Logging         • 5 types of event logging; email report           LED Indicator         • Power, LAN1~LAN4, WAN, WLAN, Status           Power Switch         • On/Off power switch           Power Adapter         • 5 V DC, 2A external power adapter           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 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           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11b: Up to 54Mbps • 802.11t: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/ · 1.5dB (typical) • 802.11b: 13dBm +/ · 1.5dB (typical) • 802.11b: 15dBm +/ · 1.5dB (typical) 	SNMP	Up to 3 external trap receivers
Power Switch	Internet Access Control	MAC Address Filter, Domain/URL Filter, Protocol/IP Filter
Power Switch         • On/Off power switch           Power Adapter         • 5V DC, 2A external power adapter           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 oz)           Temperature         • Operation: 0° - 40°C (32°F~ 104°F)	Logging	5 types of event logging; email report
Power Adapter         • 5V DC, 2A external power adapter           Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 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           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 141Mbps • 802.11b: Up to 54Mbps • 802.11b: 084/128-bit • WPP(HEX/ASCII): 64/128-bit • WPP(HEX/ASCII): 64/128-bit • WPP(HEX/ASCII): 64/128-bit • WPP(AES/TKIP): WPAWPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/ · 1.5dB (typical) • 802.11b: -85dBm (typical) @ 300Mbps           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 1Mbps • 802.11b: -68dBm (typical) @ 300Mbps	LED Indicator	• Power, LAN1~LAN4, WAN, WLAN, Status
Power Consumption         • 6 watts (max)           Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 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           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 111Mbps • 802.11b: Up to 54Mbps • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11b: -85dBm (typical) @ 11Mbps • 802.11b: -85dBm (typical) @ 54Mbps • 802.11b: -62dBm (typical) @ 54Mbps • 802.11b: -62dBm (typical) @ 300Mbps	Power Switch	On/Off power switch
Dimension (L x W x H)         • 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)           Weight         • 215 g (7.6 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           WRELESS           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11b: Up to 54Mbps • 802.11b: Up to 54Mbps • 802.11b: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA/ACSF/KIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11b: 15dB m +/- 1.5dB (typical) • 802.11b: 15dB m +/- 1.5dB (typical) • 802.11b: 85dBm (typical) @ 54Mbps • 802.11b: 85dBm (typical) @ 54Mbps • 802.11b: 85dBm (typical) @ 54Mbps • 802.11b: -62dBm (typical) @ 54Mbps • 802.11b: -62dBm (typical) @ 300Mbps	Power Adapter	5V DC, 2A external power adapter
Weight         • 215 g (7.6 oz)           Temperature         • Operation: 0°~ 40°C (32°F~ 104°F)	Power Consumption	• 6 watts (max)
Temperature	Dimension (L x W x H)	• 158 x 109 x 34 mm (6.2 x 4.3 x 1.3 in.)
Storage: -10°~ 70°C (14°F~158°F)   Humidity	Weight	• 215 g (7.6 oz)
Certifications         • CE, FCC           WIRELESS           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11b: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPAWPA2-RADIUS, WPA-PSKWPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11p: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Temperature	
WIRELESS           Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical) • 802.11g: -68dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Humidity	Max. 95% (non-condensing)
Modulation         • DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM           Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Certifications	• CE, FCC
Frequency         • 2.412~2.484GHz           Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	WIRELESS	
Antenna         • 2 x 2dBi fixed dipole antennas           Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Modulation	DSSS, DBPSK, DQPSK, CCK, OFDM with BPSK, QPSK, 16QAM, and 64QAM
Media Access Protocol         • CSMA/CA with ACK           Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Frequency	• 2.412~2.484GHz
Data Rate         • 802.11b: Up to 11Mbps • 802.11g: Up to 54Mbps • 802.11n: Up to 300Mbps           Security         • WEP(HEX/ASCII): 64/128-bit • WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK           Output Power         • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)           Receiving Sensitivity         • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Antenna	• 2 x 2dBi fixed dipole antennas
*802.11g: Up to 54Mbps *802.11n: Up to 300Mbps  Security  *WEP(HEX/ASCII): 64/128-bit *WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK  Output Power  *802.11b: 15dBm +/- 1.5dB (typical) *802.11g: 15dBm +/- 1.5dB (typical) *802.11n: 13dBm +/- 1.5dB (typical)  *802.11n: 13dBm +/- 1.5dB (typical)  Receiving Sensitivity  *802.11b: -85dBm (typical) @ 11Mbps *802.11g: -68dBm (typical) @ 54Mbps *802.11n: -62dBm (typical) @ 300Mbps	Media Access Protocol	CSMA/CA with ACK
• WPA(AES/TKIP): WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK  • 802.11b: 15dBm +/- 1.5dB (typical) • 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)  • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Data Rate	• 802.11g: Up to 54Mbps
• 802.11g: 15dBm +/- 1.5dB (typical) • 802.11n: 13dBm +/- 1.5dB (typical)  • 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Security	
• 802.11g: -68dBm (typical) @ 54Mbps • 802.11n: -62dBm (typical) @ 300Mbps	Output Power	• 802.11g: 15dBm +/- 1.5dB (typical)
<b>Channels</b> • 1~ 11 (FCC), 1~13 (ETSI)	Receiving Sensitivity	• 802.11g: -68dBm (typical) @ 54Mbps
	Channels	• 1~ 11 (FCC), 1~13 (ETSI)

# N300 Wireless Home Router w/ USB Port

TEW-652BRU (V1.0R)



#### **NETWORKING SOLUTIONS**



#### PACKAGE CONTENTS

TEW-652BRU	
Multi-Language Quick Installation Guide	
CD-ROM (User's Guide)	
Power adapter (5V DC, 2A)	
Network cable (1.5 m / 5 ft.)	

#### RELATED PRODUCTS

TEW-649UB	Mini Wireless N Speed USB Adapter
TEW-643PI	Wireless N PCI Adapter
TEW-624UB	300Mbps Mini Wireless N USB Adapter

### **CONTACT INFORMATION**

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