



## N300 WiFi Router

TEW-731BR (v3.0R)

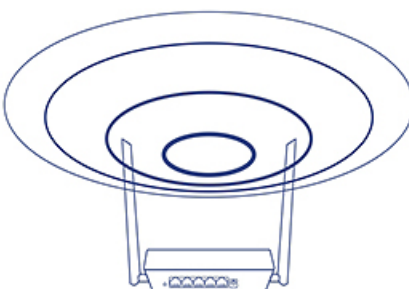
- Up to 300 Mbps Wireless N\*
- Pre-encrypted wireless for your convenience
- One touch network connection with the WPS button
- Four 10/100 Mbps LAN ports
- Internet bandwidth control
- Dual 5 dBi external antennas

TRENDnet's N300 WiFi Router, model TEW-731BR, offers up to 300 Mbps wireless N networking to share files, play games, and surf the internet. Control access to the internet and manage bandwidth for devices connected to router. For your convenience, the wireless network is setup and pre-encrypted out of the box.



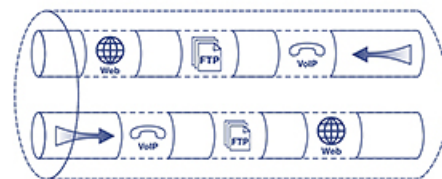
## Pre-Encrypted

For your convenience, the wireless network is pre-encrypted with its own unique password



## 5 dBi External Antennas

Dual 5 dBi external antennas provide extended wireless coverage



## Internet Bandwidth Control

Control access to the internet and manage bandwidth for devices connected to the router

## Networking Solution



- ❶ LED indicators
- ❷ Antennas
- ❸ WPS / Reset Button
- ❹ LAN ports
- ❺ WAN port
- ❻ Power port



### Easy Setup

Install in minutes with the intuitive guided setup



### One Touch Connection

Connect to the router using the Wi-Fi Protected Setup (WPS) button



### Pre-Encrypted

For your convenience, the wireless network is pre-encrypted with its own unique password



### Access Controls

Control access to specific websites and manage which devices can access the router



### Fast Ethernet Ports

10/100 Mbps Ethernet ports connect up to four devices



### Wireless Coverage

Dual 5 dBi antennas provide extended wireless coverage



### IPv6

IPv6 network support

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3x
- IEEE 802.3u
- IEEE 802.3az
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (2.4 GHz up to 300 Mbps)

### Hardware Interface

- 4 x 10/100 Mbps LAN ports
- 1 x 10/100 Mbps WAN port
- WPS / Reset button
- LED indicators

### Special Features

- Internet Bandwidth Control
- IPv6 Support
- 5 dBi Antennas
- Multi-Language interface: English, Spanish, Portuguese
- Pre-encrypted wireless network

### Access Control

- Wireless encryption: WEP, WPA / WPA2-PSK
- Firewall: NAT, SPI, Virtual Server, Port Triggering, DMZ Host, PPTP / L2TP / IPsec VPN Passthrough, allow / deny ping request from Internet
- Access Control: URL / Keyword Filter, IP Filter, Wireless MAC Filter

### Quality of Service

- WMM
- Internet Bandwidth Control

### Internet Connection Types

- Dynamic IP (DHCP)
- Static IP (Fixed)
- PPPoE (Dynamic IP / Static IP)
- IPv6 (Static, Auto-configuration (SLAAC / DHCPv6), Link-Local, PPPoE)

### Management

- Local / remote web based management
- Upgrade firmware
- Backup / restore configuration
- Reboot
- Restore to factory defaults
- Wireless Repeater Mode

### Frequency

- 2.412 - 2.484 GHz

### Modulation

- 802.11b: CCK (11 Mbps & 5.5 Mbps), DQPSK (2 Mbps), DBPSK (1 Mbps)
- 802.11g: OFDM with BPSK, QPSK and 16/64-QAM
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM

### Media Access Protocol

- CSMA/CA with ACK

### Antenna Gain

- 2 x 5 dBi external adjustable

### Wireless Output Power

- 802.11b: FCC: 14 dBm (max.), ETSI: 17 dBm (max.) @ 11 Mbps
- 802.11g: FCC: 15 dBm (max.), ETSI: 17 dBm (max.) @ 54 Mbps
- 802.11n: FCC: 17 dBm (max.), ETSI: 14 dBm (max.) @ 300 Mbps

### Receiving Sensitivity

- 802.11b: -80 dBm (typical) @ 11 Mbps
- 802.11g: -72 dBm (typical) @ 54 Mbps
- 802.11n: -72 dBm (typical) @ 300 Mbps

### Wireless Channels

- FCC: 1-11
- ETSI: 1-13

### Power

- Input: 100 – 240 V AC, 50 - 60 Hz
- Output: 5 V DC, 1 A external power adapter
- Consumption: 3.2 Watts (max.)

### Operating Temperature

- 0 – 45 °C (32 – 113 °F)

### Operating Humidity

- Max. 95% non-condensing

### Certifications

- CE
- FCC

### Dimensions

- 160 x 102 x 30 mm (6.2 x 4.3 x 1.3 in.)
- Antenna length: 195 mm (7.7 in.)

### Weight

- 164 g (5.8 oz.)

### Warranty

- 3 year limited

### Package Contents

- TEW-731BR
- Quick Installation Guide
- Network cable (1 m / 3.28 ft.)
- Power adapter (5 V DC, 1 A)

\*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.

