TRENDnet’s N150 Wireless ADSL 2+ Modem Router, model TEW-721BRM, is a combination high performance modem for Internet access and reliable wireless N150 router—well suited for small to medium size homes. The modem is compatible with most ADSL Internet service provider networks and it comes with an intuitive guided setup wizard. For your convenience the wireless network is setup and pre-encrypted out of the box.
Features

Easy Setup
Get up and running in minutes with the intuitive guided setup

Internet Service
Compatible with most ADSL 2/2+ internet service provider networks

N150 Wireless
Reliable 150 Mbps Wireless N

Pre-Encrypted Wireless
For your convenience the wireless network arrives pre-encrypted with its own unique password

Guest Network
Create an isolated network for guest internet access only

Wireless On/Off Button
Enable or disable the wireless network with the convenient on/off wireless button

One Touch Connection
Connect to the router at the touch of the Wi-Fi Protected Setup (WPS) button

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

Advanced QoS
Classify and prioritize different types of data such as video and audio transmissions

Energy Savings
Embedded GREENet technology reduces power consumption by up to 50%

Ethernet Ports
Four Ethernet ports to hardwire devices

IPv6
IPv6 network support

Networking Solution
Specifications

ADSL Line Interface

Standards
- IEEE 802.3
- IEEE 802.3x
- IEEE 802.3u
- IEEE 802.3az
- IEEE 802.11b
- IEEE 802.11g
- Based on IEEE 802.11n technology (up to 150 Mbps)

Hardware Interface
- 4 x 10/100 Mbps LAN ports
- 1 x RJ-11 WAN port
- WPS button/reset button
- Wi-Fi on/off button
- Power on/off button
- LED indicators
- Mounting points

Special Features
- Dynamic DNS support for dyn.com, no-ip.com, and easdns.com
- Pre-encrypted wireless network
- Up to 4 SSIDs
- TR-069, TR-064, TR-098, and TR-143 remote management support
- Port based flow control
- Port mapping
- Spanning Tree support
- LLNMR
- Energy saving GREENnet technology

Access Control
- Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS
- Firewall: NAT, ALG, Port Trigger, SPI, Virtual Server, Special Applications, DMZ Host, PPTP/L2TP/IPsec VPN Passthrough, Multicast Passthrough, IGMP, MLD, allow/deny ping request from internet
- SNMP v1 and v2c
- Parental (Access) Controls: MAC, URL, IP Filter, domain blocking
- DoS protection
- Packet filter

Quality of Service
- WMM
- DCSP
- WFO
- SP

Internet Connection Types
- PPPoE (RFC-2516 Dynamic IP/Static IP)
- PPPoA (RFC-2364 Dynamic IP/Static IP)
- IPoA (RFC-1483 Routed)
- Dynamic IP (IPoEoA/AMER with DHCP)
- Static IP
- Bridge Mode (RFC-1483 Bridged)
- CIP (RFC-1577 Classic IP/ARP over ATM)
- IPv6 (Static, Auto-configuration (SLAAC/DHCPv6), PPPoE, IPv6 in IPv4 tunnel, 6to4, 6rd)
- Port based flow control
- Port mapping
- Spanning Tree support
- LLNMR
- Energy saving GREENnet technology

Management/Monitoring
- Local/remote web based management
- Remote management (HTTP, CLI, FTPD, HTTPS)
- TR-069 Remote management
- Upgrade firmware
- Backup/restore configuration
- Logging – internal/syslog/email
- Reboot
- Restore to factory defaults
- Ping test
- ATM F4/F5 Loopback Diagnostics
- Traffic meter

Routing
- Static
- Dynamic (RIP v1/2)

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, 16-QAM, 64-QAM with OFDM
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM

Media Access Protocol
- CSMA/CA with ACK

Antenna Gain
- 2 x 4 dBi internal

Wireless Output Power/Receiving Sensitivity
- 802.11b: 15 dBM (max.) -70 dBM (typical) @ 11 Mbps
- 802.11g: 15 dBM (max.) -65 dBM (typical) @ 54 Mbps
- 802.11n: 15 dBM (max.) -64 dBM (typical) @ 150 Mbps

Wireless Channels
- FCC: 1-11
- ETSI: 1-13

Power
- Input: 100 – 240 V AC, 50 - 60 Hz, 0.5 A
- Output: 12 V DC, 0.5 A external power adapter
- Consumption: 4 Watts (max.)

Operating Temperature
- 0 – 40 °C (32 – 104 °F)

Operating Humidity
- Max. 95% non-condensing

Certifications
- CE
- FCC

Dimensions
- 126 x 109 x 25 mm (4.9 x 4.3 x 1 in.)

Weight
- 158 g (5.5 oz.)

Warranty
- 3 year limited

Package Contents
- TEW-721BRM
- Multi-Language Quick Installation Guide
- CD-ROM (User’s Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V DC, 0.5 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.

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