

300Mbps Wireless N Broadband Router \$102.67

TEW-631BRP \$102.67

12x the speed and 6x the range of wireless g

Seamlessly stream video, download files, talk online and play games

StreamEngine™; Quality of Service technology prioritizes Internet calls, gaming and video streaming

Advanced wireless encryption and a firewall provides robust security

Buy it now at Ebay!

Overview

The Wireless N Broadband Router delivers the highest level of security, 12x the speed and 4x the range of wireless g products. StreamEngine™ technology allows you to seamlessly stream live media, download files, play games and talk Online all at the same time and with no jitter.

The latest in wireless encryption, a double firewall and a unique manual on/off wireless switch provides the ultimate in wired and wireless security. Advanced antenna technology eliminates dead spots. A quick and intuitive installation process, remote management capabilities and a 3-year warranty make this product well suited for your most demanding networking needs.

**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.

Features

Product 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)
- Supports cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP, L2TP & BigPond connection types
- Supports AP mode and Bridge mode
- 3 external antennas support 300Mbps high speed performance and great coverage
- Firewall features Network Address Translation (NAT) and Stateful Packet Inspection (SPI) protects against DoS attacks
- Traffic control with virtual servers, special applications, gaming services and Uicom StreamEngine™ feature
- 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 of enable/disable wireless SSID, internet access control (services, URL & MAC filtering)
- Supports multiple and concurrent IPSec, L2TP and PPTP VPN pass-through sessions
- Easy management via Web browser (IE 6.0 or above, FireFox, Opera, Netscape) and remote management
- Supports 64/128-bit WEP(for 11b/g), WPA/WPA2 and WPA-PSK/WPA2-PSK
- Works with Windows 95/98/NT/2000/XP/2003 Server/Vista, Linux and Mac OS
- Coverage up to 150 meters (500ft.) indoor;(depends on the environment)
- Coverage up to 400 meters (1300ft.) outdoor;(depends on the environment)
- 3- year warranty

Specifications

Hardware

Standards

Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0), IEEE 802.11e QoS

WAN

1 x 10/100Mbps Auto-MDIX port (internet)

LAN

4 x 10/100Mbps Auto-MDIX port

Slide Switch
Turn on/off wireless LAN

WPS Button
WPS configuration

Connection Type
Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP, BigPond

NAT Firewall

4~6K configurable NAT entries; restricted NAT

IP ranges, port ranges & schedule

Pre-defined game hosting configurations

Port triggering for 24 special applications

ALG support (enable/disable support) – RTP/RTSP, AOL, FTP, ICMP, WMP/MMS, NetMeeting, SIP

SPI Firewall

Up to 24 rules; cyber attack protection – verified against over 2000 attacks

WDS
Enable/Disable Wireless Distribution System support

UPnP
UPnP IGD 1.0 compliant

DMZ
DMZ host, 24 configurable virtual servers & game servers

DNS
Static or WAN assigned DNS servers; 10 verified services for DDNS

Internet Access Control
Policy based parental control; time based internet access; port range/service filtering; Dynamic URL filtering;
Internet domain restriction; 32 user defined schedules, 24 MAC address filter entries

Logging
3 types & 3 severities event logging; up to 1K entries

Email report logging on schedule or log full

LED Indicator
Power, LAN1~LAN4, WAN, WLAN

Power Adapter
12V DC, 1A external power adapter

Power Consumption
779mA

Dimension (L x W x H)
180 x 122 x 30 mm (6.8 x 4.6 x 1.1 inches)

Weight
350g (0.8 lb)

Temperature
Operation: 0°~ 40°C (32°F~ 104°F); Storage: -20°~ 60°C (-4°F~140 °F)

Humidity
Max. 90% (non-condensing)

Certifications
CE, FCC

Wireless

Frequency

2.412 ~ 2.462 GHz (FCC); 2.412 ~ 2.472 GHz (ETSI)

Antenna

3 x 4dBi fixed dipole antenna

Media Access Protocol

CSMA/CA with ACK

Data Rate

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
- 802.11n (draft 2.0): up to 300Mbps

Security

Encryption: hardware AES/TKIP, 64/128-bit WEP (hex/passphrase, 11b/g)

802.1X/EAP: EAP-TLE, EAP-TTLE/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC

WPA: WPA/WPA2, WPA-PSK/WPA2-PSK (AES-11b/g/n, TKIP-11b/g)

WPS: support PIN and PBC

SSID broadcast control

Output Power

802.11b: 18dBm (typical)

802.11g: 15dBm (typical)

802.11n (draft 2.0): 7dBm (typical) with HT20 or HT40

Receiving Sensitivity

802.11b: -86dBm (typical) @ 11Mbps

802.11g: -74dBm (typical) @ 54Mbps

802.11n (draft 2.0) : -70dBm (typical) with HT20 or HT40

Network Solution