



## N Wireless Broadband Router



WBR-6003

H/W Version: 1

### 11n Wireless Technology

LevelOne's WBR-6003 is a wireless router that offers home and office users the latest 802.11n technology at a competitive price. Rated at 150 Mbps, users will notice a significant improvement in wireless throughput compared to the older standard of 11g.

### Streaming Video and Music for robust entertainment

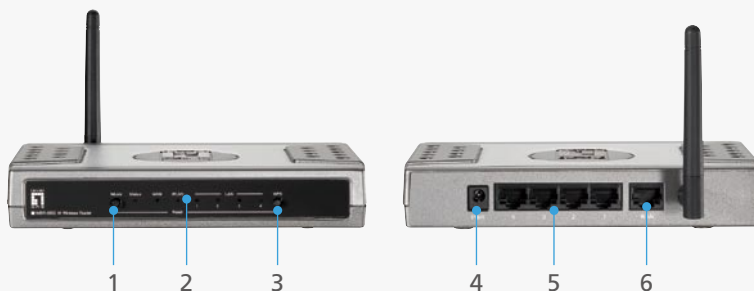
For users that enjoy home network flexibility, but still require stable performance, WBR-6003 is the ideal solution. Sharing and streaming files is fast and reliable, meaning no lag or latency when listening to music or watching the latest video. The built-in Quality of Service (QoS) engine also allows users to choose which applications receive priority for customized traffic control.

### Simple Security and Setup

The built-in Wireless Signal On/Off Button means that users can decide when wireless internet access is on or off for greater network control. WPA/WPA2 encryption offers ideal protection against unwanted packet sniffing. WBR-6003 also comes with 802.1x RADIUS support for advanced network configuration.

Setting up a secure wireless connection with WBR-6003 is fast and easy with WiFi Protected Setup Push Button support. Simply push the button and it negotiates the best security encryption with compatible computers on the network.

\* Network speeds vary according to network equipment, network set-up and environmental influencing factors. For best performance, use LevelOne Wireless Network Adapters.



1. Wireless Signal On/Off Button
2. LED Indicators
3. WiFi Protected Setup (WPS) Button
4. Power Port
5. LAN Interface
6. WAN Interface

### Key Features

- 802.11n Draft 2.0 compliant, speeds up to 150 Mbps
- Auto-Channel Selection to avoid interference from neighbors
- Wireless Signal On / Off Button
- Simple Wireless Security with one-push WPS button
- Advanced Firewall and Traffic Priority Features.
- Easy Step-by-Step Installation Wizard

### Works Well With



**WUA-0603**  
N Wireless USB Adapter



**WCS-0010**  
11g Wireless Network Camera

## Technical Specification

### LAN-Interface

4x 10/100 Mbps Auto-MDIX RJ-45 Port

### WAN-Interface and Standards

1x 10/100 Mbps Auto-MDIX RJ-45 Port

Static-IP Address, Dynamic IP Address (DHCP Client), PPPoE, PPTP, L2TP

### Wireless Data Transfer Rate

802.11n Draft 2.0: 150 ~ 78 Mbps

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

### Number of Channels

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU, Japan

### Operating Frequency

2.4 ~ 2.4835 GHz

### Antennas

1x 2dBi dipole (5dbi option available)

### Wireless Features

Wireless Signal On / Off Button

Auto Channel Selection

### Wireless Security

WEP 64/128-bit Web share key encryption

WPA, WPA2, 802.1x RADIUS support

128-bit TKIP/AES encryption

SSID Broadcast On/Off

WiFi Protect Setup (WPS) Push Button Support

### WDS

One-to-Many peer AP (Max : 4 peer APs)

### Firewall

DoS Detection

NAT Firewall with SPI mode

Virtual Server, DMZ

Schedule-Based MAC, IP, Domain and URL Filtering

### QoS Support

Port Number and IP Address Traffic Prioritization

802.11e WMM Supported

### Other Features

DDNS Supported, UPnP Supported, NTP Time Server,

VPN Pass-Through (PPTP, IPSec, L2TP), Wake on LAN

### Management

Quick Installation Wizard and Easy Setup Utility

Web-Based GUI Configuration

Syslog monitoring, Email Alert

Simple SNMP supported

### Firmware Upgrade

Web-based (HTTP), Windows Utility

### Supported Operating Systems

Windows 2000/XP/Vista/Mac OSX/Linux

### Power Adapter

DC5V / 1.2A

### Operating Temperature

0°C ~ 40°C / 85% Humidity

### Storage Temperature

-20°C ~ 70°C / 95% Humidity

### Dimensions: (L x W x H)

166mm x 112mm x 30mm

### Certifications

CE, FCC

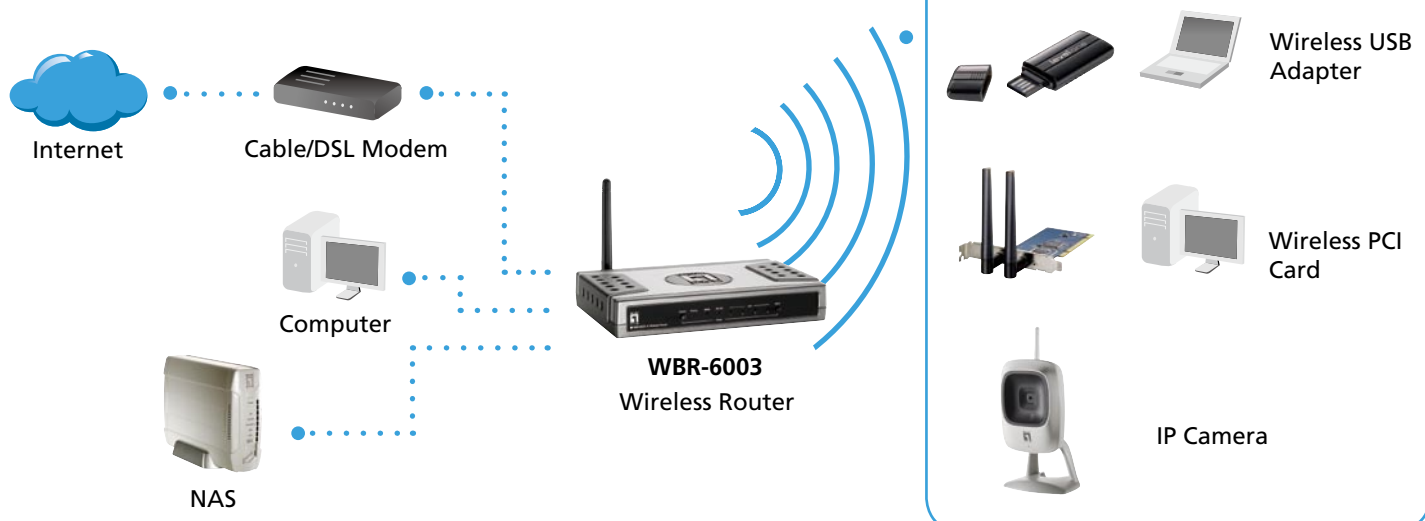
### Standard Compliant

IEEE 802.11n Draft 2.0 specification,

IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.1x

IEEE 802.11e, IEEE 802.3x, IEEE 802.3, IEEE 802.3u

## Product Diagram



**Order Information****WBR-6003: N** Wireless Broadband Router**Package Content**

WBR-6003

Power Adapter

Antenna x1

RJ45 Ethernet LAN Cable

Quick Installation Guide

CD Manual / Utility