

## N\_Max Wireless Broadband Router

### Product Overview

The LevelOne N\_Max Wireless Broadband Router is a cost-effective wireless broadband router designed for use at home or a small office. The high-speed wireless broadband router allows users to share an Internet connection, share files among network users and access network resources.

### Triple Standard Compliant

The LevelOne WBR-6001 Wireless Broadband router is compliant with the latest draft 11n standard and is backward compliant with 802.11b and 802.11g IEEE standards.

Computers using standard 11g and 11b wireless network cards will benefit from stable connection speeds as well as extended coverage areas.

New notebook computers and desktop computers incorporating the latest draft 11n wireless network cards will be able to connect at draft 11n speeds\*.

### Designed for Home and Small Office

The WBR-6001 Broadband Router is designed for home and small office users who want enjoy audio/video streaming and gaming applications, use the Internet for VoIP calling, share files among the wireless network and get access to network resources at speeds faster than 100Mbps.

Users can now deploy a home or office IP-based wireless surveillance solution without fear of unavailable bandwidth.

### Advanced Network Security and Easy Set-Up

The WBR-6001 Wireless Broadband Router provides advanced wireless network protection with 64/128-bit WEP encryption, WPA and WPA2. It provides a double firewall with NAT and SPI firewall protection against DoS attacks and unauthorized packet deliveries from the Internet.

The WBR-6001 also incorporates URL Blocking, VPN Pass-through, 802.1x user authentication and WPS (WiFi Protection Setup) that offers an easy way to connect securely connect to any wireless connection.

Set-up and configuration of security features are managed with the easy to use and explanatory Web-based user-interface.

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



**WBR-6001**

## Key Features

- Compliant with draft 11n wireless standard
- Backward compliant with 11b and 11g wireless standards
- Extended and High-speed Wireless Network Connectivity
- Easy to use configuration wizard
- Wireless broadband Router designed for home and small office
- Incorporates WPA, WPA2, WEP encryption and other advanced network security features
- Supports WPS, QoS, VPN Pass-through and 802.1x user authentication
- 4-port Ethernet and 1-port WAN Switch

## Technical Specification

### Network Interface

#### Standard Compliant

IEEE 802.11n (draft specification)  
 IEEE 802.11g,  
 IEEE 802.11b  
 IEEE 802.1x,  
 IEEE 802.3  
 IEEE 802.3u

#### 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, Multi-session PPPoE, PPTP, L2TP

#### Connection Scheme

Auto Connect-on-Demand/Auto-Disconnect  
 Auto Reconnect, Manually Connect/Disconnect

#### QoS Support

User Friendly Quality of Service Interface  
 802.11e WMM Supported

### AP Radio Operation

#### Data Transfer Rates

Draft 802.11n: 108Mbps ~ 300Mbps  
 IEEE 802.11g: 6Mbps ~ 54Mbps  
 IEEE 802.11b: 1Mbps ~ 11Mbps

#### Operating Frequency

2.4GHz ~ 2.483GHz

#### Wireless Operating Range

Indoor: 35m ~ 200m  
 Outdoor: 100m ~ 400m\*

\* depending on antenna type and environmental conditions

#### Antenna Type

2x 1.8dBi

#### Channels

- **Europe (ETSI)**  
13 Channels: 2.412GHz ~ 2.472GHz
- **North America (FCC)**  
11 Channels: 2.412GHz ~ 2.462GHz
- **Japan (TELEC)**  
14 Channels: 2.412GHz ~ 2.418 GHz

### Device Management

#### OS Supported

Windows 2000(SP4)/XP(SP1 & SP2)/Vista/MAC  
 OSX/Linux

#### User Interface

Web-based user interface, Utility

#### Firmware Upgrade

Web-based, Windows Application, FTP

### Network Security

#### Wireless Security

WEP 64/128-bit Web share key encryption  
 WPA, WPA1, WPA-PSK, WPA2-PSK, 802.1x  
 SSID Broadcast On/Off

#### WDS

One-to-Many peer AP (max : 4 peer AP)

#### Firewall

- **DoS Detection**
- **NAT Firewall with SPI mode**  
One-to-Many NAT, One-to-One NAT, Virtual Server, Special Application, DMZ Host, Super DMZ

#### VPN Support

IP Sec, PPTP, L2TP pass through

#### Access Control

MAC-level Access Control  
 Inbound/Outbound IP Filter  
 Domain Access Control  
 URL Access Control  
 Web filter (ActiveX, Cookie, Java, Web proxy)

#### Event Logging

On-web logging, Syslog supported, Email Alert

#### Routing

Static Route, RIP 1 & 2

#### Other Features

DDNS Supported, UPnP Supported, SNMP Supported  
 IGMP v1, v2 & v3, NTP

### Physical Specifications

#### LED Display

Power, WAN Connection, LAN Connection  
 Wireless Connection, Security On/Off

#### Power Adapter

DC5V / 1.2A

#### Operating Temperature

0°C ~ 40°C / 85% Humidity

#### Storage Temperature

-10°C ~ 70°C / 95% Humidity

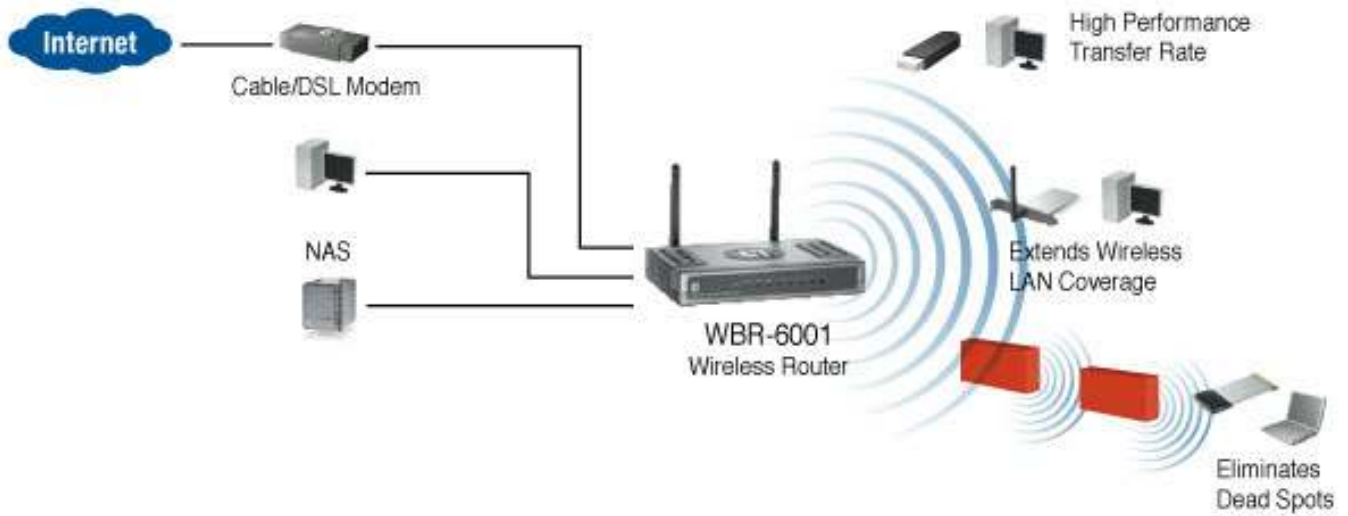
#### Dimensions

154mm(L) \* 143mm(W) \* 30.5mm(H)

#### Certifications

EMI standard  
 CE, FCC

### Product Diagram



### Order Information

**WBR-6001:** N\_Max Wireless Broadband Router

#### Package Content:

- WBR-6001 N\_Max Wireless Broadband Router
- Power Adapter
- Cat.5 Cable
- CD Manual/Utility
- Quick Installation Guide