



# N\_Max Wireless Broadband Router



WBR-6001

H/W Version: 1

## Product Overview

The LevelOne N\_Max Wireless Router is a cost-effective wireless broadband router designed for home or small office use to share network resources or a high-speed internet connection. It is great for wireless streaming of movies and games, VoIP calls, or even video surveillance.

## Fast and Stable

Notebook and desktop computers with the latest 11n wireless functions installed will benefit from the draft 2.0 11n speeds\* up to 300 Mbps. WBR-6001 is compliant with the latest draft 2.0 11n standards and is backward compliant with IEEE 802.11b and 802.11g for reliable and robust connections to legacy wireless devices.

## Advanced Network Security and Easy Set-Up

The N\_Max WBR-6001 offers advanced wireless network protection with 64/128-bit WEP encryption, WPA and WPA2. It has a dual firewall with NAT and SPI firewall protection against DoS attacks and unauthorized data deliveries from the Internet. The WBR-6001 also incorporates Web-Address Blocking, VPN Pass-through, 802.1x user authentication and WPS (WiFi Protected Setup) that offers an easy way to connect securely to any wireless connection.

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



1. Reset Button
2. LED Indicators
3. WiFi Protected Setup(WPS) Button
4. Power Port
5. LAN Interface
5. WAN Interface

## Key Features

- Compliant with 802.11n Draft 2.0 wireless standard, 300Mbps\*
- Extended and High-speed Wireless Network Connectivity with MIMO Technology
- Backward compliant with 11b and 11g wireless standards
- Incorporates WPA, WPA2, WEP encryption and other advanced network security features
- Simple Security with WPS Push Button
- Firewall Security with DoS Prevention and Packet Filtering
- Control your bandwidth with Quality of Service (QoS)
- Integrated 4-port Ethernet Switch

## Works Well With



**WUA-0600**  
N\_Max Wireless USB Adapter



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

\*Theoretical throughput, actual performance depends on equipment and network conditions.

## 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

### Connection Scheme

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

### Wireless Data Transfer Rate

802.11n Draft 2.0: 300 ~ 78 Mbps (20/40Mhz)  
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

2x 2dBi Removable Antennas

### Wireless Security

WEP 64/128-bit Web share key encryption  
WPA-PSK, WPA2-PSK, 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 APs (Max : 4)

### Firewall

DoS Detection  
NAT Firewall with SPI mode  
Virtual Server, DMZ  
Schedule-Based MAC, IP, Domain and URL Filtering

### QoS Support

User Friendly Quality of Service Interface  
Port Number and Local IP Address Traffic Prioritization  
802.11e WMM Supported

### Other Features

DDNS Supported, UPnP Supported, NTP Time Server,  
VPN Pass-Through (PPTP, IPSec, L2TP)

### Management

Quick Installation Wizard and eZ Setup Utility  
Web-Based GUI Configuration  
Syslog Monitoring, Email Alert  
SNMP Supported

### Firmware Upgrade

Web-based (HTTP), Windows Utility, FTP

### 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

145mm(L) \* 143mm(W) \* 30.5mm(H)

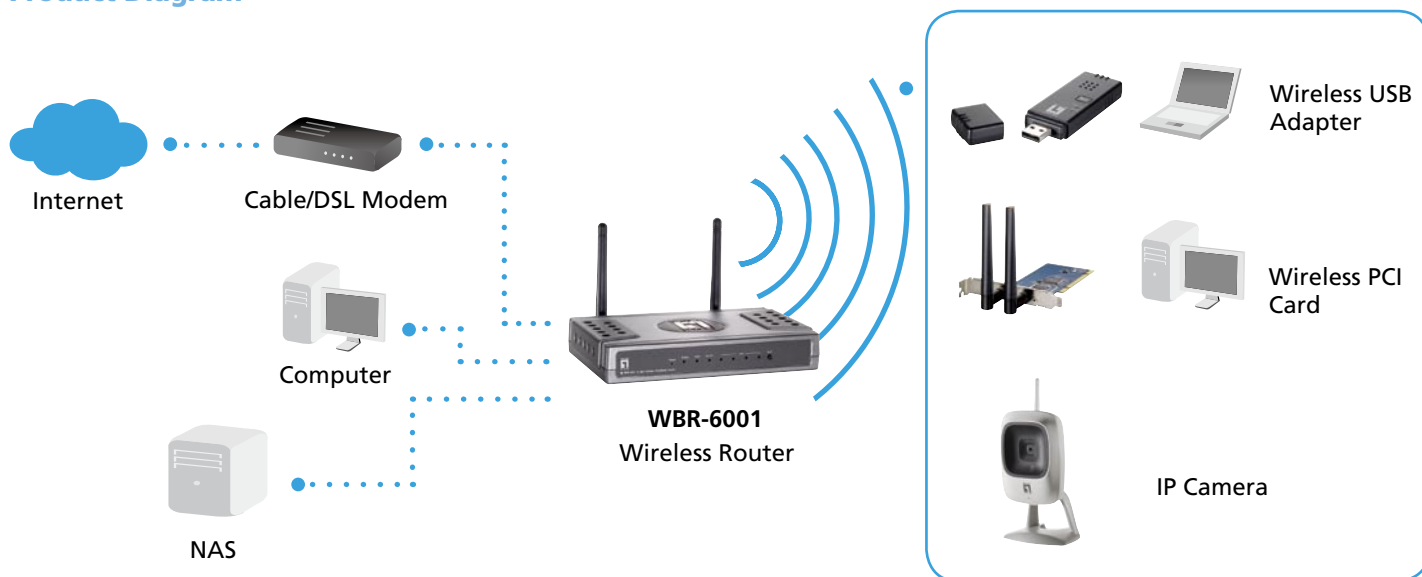
### Certifications

CE, FCC

### Standard Compliant

IEEE 802.11n Draft 2.0  
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-6001:** N\_Max Wireless Broadband Router

## Package Content

WBR-6001, Antennas x2, RJ45 Ethernet LAN Cable, Power Adapter, Quick Installation Guide  
CD Manual / Utility