



# N\_One Wireless Broadband Router



WBR-6000

H/W Version: 3

## Overview

The LevelOne N\_One Wireless Broadband Router provides users with extended network coverage and incredibly fast wireless speeds up to 300 Mbps. WBR-6000 supports superior performance for notebooks or PCs equipped with the latest 802.11n technology, and is also backward-compatible with 11b/g devices for robust and reliable transmission of legacy wireless devices.

## Stream Multimedia Applications to Multiple Users

The N\_One Broadband Router is designed with home and small office users that want desire ultimate audio/video streaming and gaming

applications, no-latency Internet calls (VoIP) and high-speed file sharing across the network. In addition users can easily deploy a home or office IP-based surveillance network thanks to the additional bandwidth of wireless N\_One technology.

## Network Security

WBR-6000 provides solid wireless network protection with 64/128-bit WEP, WPA and WPA2 encryption. Also, WBR-6000 provides a double firewall with NAT and SPI firewall protection against DoS attacks and unauthorized packet deliveries from the Internet. Security set-up and configuration is simple to do with the web-based easy-to-use interface.



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

## 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 wireless 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



**WNC-0600USB**  
N\_One 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

3x 2dBi Fixed Antenna

### Wireless Security

WEP 64/128-bit Web share key encryption  
WPA-PSK, WPA2-PSK  
128-bit TKIP/AES encryption  
SSID Broadcast On/Off  
WiFi Protect Setup (WPS) Push Button Support

### Firewall

DoS Detection  
NAT Firewall with SPI mode  
Virtual Server  
DMZ  
Schedule-Based URL Filtering

### QoS Support

User Friendly Quality of Service Interface  
802.11e WMM Supported

### Other Features

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

### Management

Quick Setup Wizard  
Web-Based GUI for Management  
Syslog Monitoring and Email Alert

### Firmware Upgrade

Web-based (HTTP)

### Operating Systems

Windows 2000/XP/Vista/Mac OSX/Linux

### Power Adapter

DC12V / 1A

### Operating Temperature

0°C ~ 40°C / 85% Humidity

### Storage Temperature

-20°C ~ 70°C / 85% Humidity

### Dimensions

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

### Certifications

CE, FCC

### Standard Compliant

IEEE 802.11n Draft 2.0, IEEE 802.11g, IEEE 802.11b  
IEEE 802.11e, IEEE802.3x, IEEE 802.3u

## Product Diagram



## Order Information

**WBR-6000:** N\_One Wireless Broadband Router

## Package Content

WBR-6000, RJ45 Ethernet LAN Cable, Power Adapter, Router Stand,  
Quick Installation Guide, CD Manual