300Mbps *N_Max* 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

1   2   3   4 5 6

Key Features

- 3 antennas with 2T/3R MIMO Technology for wireless data rates of up to 300Mbps
- Compliant with 802.11n wireless standard, 300Mbps*
- 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
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: 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, WPA2
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℃ ~ 40℃ / 85% Humidity

Storage Temperature
-20℃ ~ 70℃ / 85% Humidity

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

Certifications
CE, FCC

Standard Compliant
IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
IEEE 802.11e, IEEE802.3x, IEEE 802.3u

Product Diagram

Internet
Cable/DSL Modem
Computer
NAS
WBR-6000
N_Max Router
Wireless USB Adapter
Wireless PCI Card
IP Camera

Order Information　　**WBR-6000:** 300Mbps *N_Max* Wireless Broadband Router

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