

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

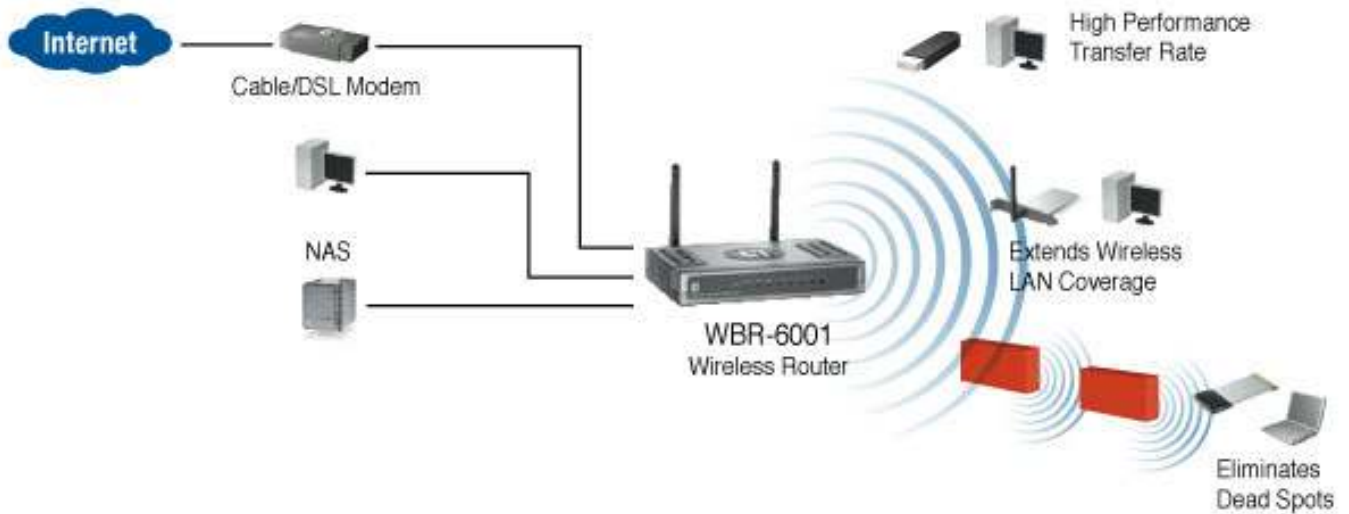
Dimensions

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

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