



300Mbps N_Max Wireless 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 11n speeds* up to 300Mbps. WBR-6001 is compliant with the latest 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.

Active Link Detection

The WBR-6001 can tell if there is any activity on each individual LAN port. If there are only 2 active devices connected to the WBR-6001 LAN ports, then the remaining 2 LAN ports will be powered down.

* 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. Wi-Fi Protected Setup(WPS) Button
4. Power Port
5. LAN Interface
6. WAN Interface

Key Features

- 2 antennas with 1T/2R MIMO Technology for wireless data rates of up to 300Mbps
- Compliant with IEEE802.11b/g/n wireless standards
- Provides WDS Mode for creating separate wireless networks into one
- 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
300Mbps N_Max Wireless USB Adapter



WCS-0010
Wireless Network Camera

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

Technical Specification

LAN-Interface

4x 10/100Mbps Auto-MDIX RJ-45 Port

WAN-Interface and Standards

1x 10/100Mbps 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 ~ 78Mbps (20/40MHz)

802.11g: 54 ~ 6Mbps

802.11b: 11 ~ 1Mbps

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, WPA2, 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) x 143mm(W) x 30.5mm(H)

Certifications

CE, FCC

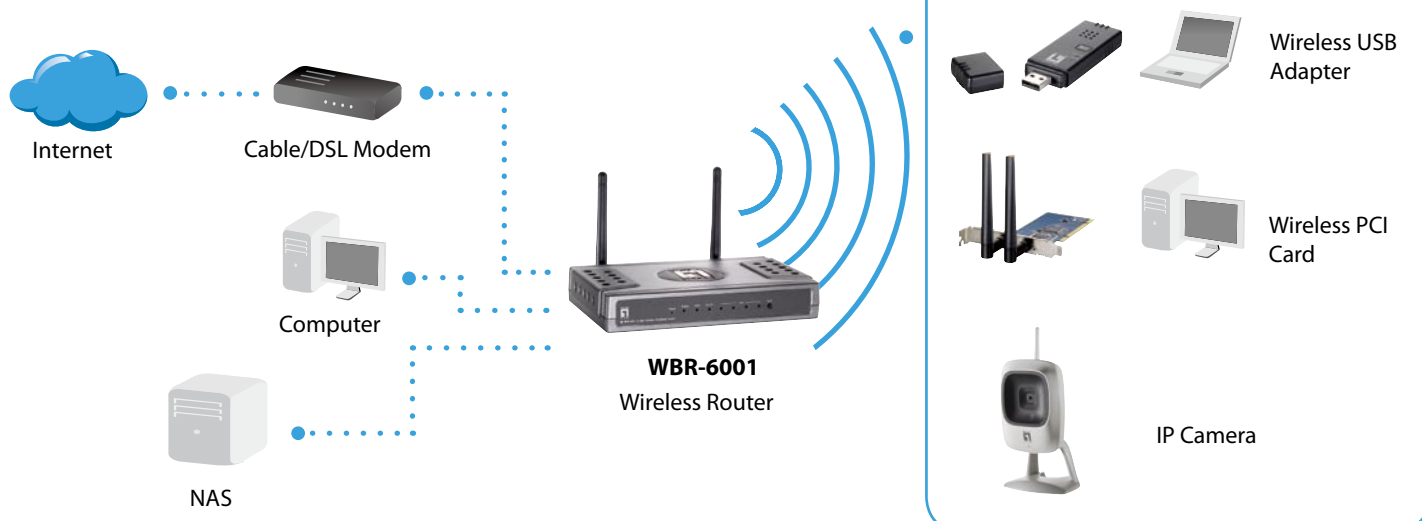
Standard Compliant

IEEE 802.11n

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: 300Mbps *N_Max* Wireless Router

Package Content

WBR-6001

Antennas x 2

RJ-45 Ethernet LAN Cable

Power Adapter

Quick Installation Guide

CD Manual / Utility