150Mbps Wireless ADSL2+ Modem Router

WBR-6603

H/W Version: 1

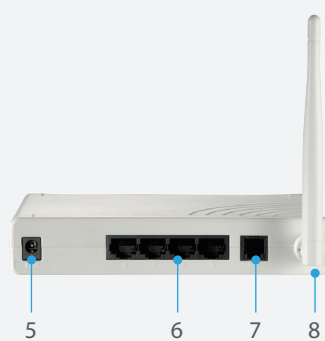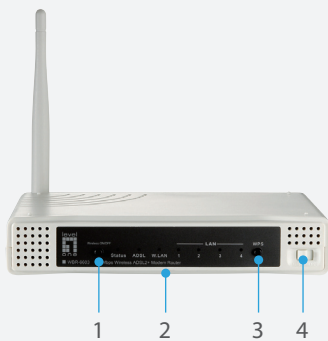## Save space, modem and wireless router in one device

LevelOne WBR-6603 Wireless Modem Router integrates an ADSL2+ modem and wireless broadband router in one device, allowing you to share easily your high speed ADSL2+ Internet connection over your wired or wireless local network.

802.11n Wireless Technology

WBR-6603 offers home and office users the latest 802.11n technology. Users will notice a significant improvement in wireless throughput compared to the previous 802.11g standard. With up to 150Mbps the WBR-6603 is an ideal solution for all wireless applications like internet surfing, streaming video and music, sharing files, surveillance and more.

Simple Security and Setup

The built-in Wireless Signal On/Off Button allows greater network control for the wireless internet access. WPA/WPA2 encryption offers ideal protection against unwanted packet sniffing. WBR-6603 supports 802.1x RADIUS for advanced network configuration. Setting up a secure wireless connection with is fast and easy with WiFi Protected Setup (WPS) Push Button support. Simply push the button and WBR-6603 negotiates the best security encryption with compatible wireless devices on the network.

1. Wireless ON/OFF Button
2. LED Indicators
3. WiFi Protected Setup (WPS) Button
4. Power Switch
5. Power Port
6. LAN Interface
7. WAN Interface
8. Antenna

1   2   3   4   5   6   7   8

Key Features

- Integrates 4-Port 10/100Mbps Fast Ethernet Switch with Auto-MDI/MDIX
- Compatible with IEEE 802.11n standard and up to 150Mbps data rates
- Allows several users to access Internet through Network Address Translation (NAT, IP sharing) simultaneously
- Supports wireless signal On / Off button
- Simple Wireless Security with one-push WPS button
- Supports Internet access control (URL Blocking, MAC Filtering)
- Supports multiple sessions IPSec, L2TP and PPTP VPN pass-through

Works Well With

WUA-0614
150Mbps *N* Wireless USB Adapter

WUA-0606
150Mbps Wireless USB Adapter

Technical Specification

LAN/WAN Specification

Support ADSL Standard

ITU 992.1 (G.dmt) Annex A

ITU 992.2 (G.lite)

ITU 992.3 ADSL2 (G.dmt.bis)

ITU 992.5 ADSL2+

Interface

- Connector: RJ45 for LAN, RJ-11 for WAN

- Number of Port: 1 WAN + 4 LAN

- 100BASE-TX/10BASE-T Auto

- Standard: Full Duplex/Half Duplex Auto

- MDI/MDI-X Change: Auto MDI/MDI-X

Antenna

1 x 2dBi fix dipole antenna

Button

- WPS Button

- Wireless On/Off Button

LED indicator

Status / ADSL / Wifi / LAN1~LAN4

Wireless Specification

Standard Compliance

IEEE 802.11b; IEEE 802.11g; IEEE 802.11n

Transmission Mode

- IEEE802.11b: CCK (11 Mbps, 5.5 Mbps) DQPSK (2 Mbps)
  DBPSK(1 Mbps)

- IEEE802.11g: OFDM

- IEEE802.11n: OFDM

Security

- WEP (64bit/128bit)

- WPA-PSK (Personal) / WPA2-PSK (Personal) / WPA-802.1x
  TKIP,AES

- MAC Address Filtering

- WPS Button Support

Wireless Data Transfer Rate

802.11n: 150 ~ 78Mbps

802.11g: 54 ~ 6Mbps

802.11b: 11 ~ 1Mbps

Number of Channels

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU,

CH.1 ~ 14 Japan

Operating Frequency

2.4 ~ 2.484GHz

Transmitter Output Power (Typical)

802.11n: 14± 1dBm

802.11g: 14 ± 1dBm

802.11b: 17 ± 1dBm

Software Specification

Wireless Features

Wireless Signal On / Off Button

Auto Channel Selection

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 AP (Max : 4 peer APs)

Firewall

DoS Detection

NAT Firewall with SPI mode

Virtual Server, Port Forwarding, DMZ

Schedule-Based MAC, IP, Domain and URL Filtering

Other Features

DDNS Supported, UPnP Supported, NTP Time Server,
VPN Pass-Through (PPTP, IPSec, L2TP), Wake on LAN, Static
Routing, Dynamic routing

Management

Quick Installation Wizard

Web-Based GUI Configuration

Syslog monitoring, Email Alert,

Simple SNMP supported

Firmware Upgrade

Web-based (HTTP)

Supported Operating Systems

Windows 2000/XP/Vista/7

Physical Specification

Power Adapter

DC 12V / 0.6A~1A switching power adapter

Dimensions: (L x W x H)

150mm x 110mm x 28mm
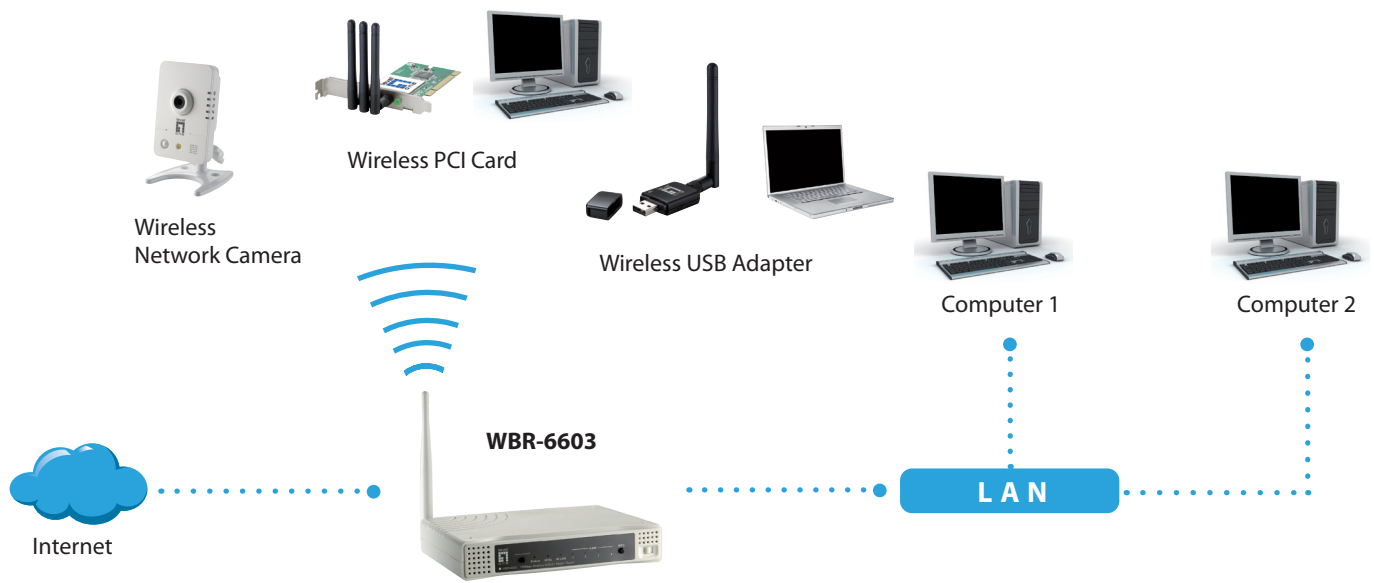
Certifications

CE, FCC

Environment Specification

Operating Temperature

0°C ~ 40°C / 90% Humidity

Storage Temperature

-10°C ~ 70°C / 95% Humidity

Product Diagram

Wireless PCI Card

Wireless Network Camera

Wireless USB Adapter

WBR-6603

Internet

L A N

Computer 1

Computer 2

Order Information	**WBR-6603:** 150Mbps Wireless ADSL2+ Modem Router
Package Content	WBR-6603
	Power Adapter
	RJ-11 ADSL/ Telephone Cable
	RJ-45 LAN Ethernet Cable
	CD Manual/QIG
	Quick Installation Guide