



150Mbps Wireless Dual-WAN 3G Router



WBR-6804

H/W Version: 1

Product Overview

LevelOne WBR-6804, a 3G mobile broadband router with high speed wireless, designed for home, SOHO and business user featuring a USB port for 3G connectivity. With a maximum theoretical throughput of 150Mbps, the Dual-WAN interfaces for 3G USB modem and xDSL/cable modem to ensure network stability with auto-failover feature. The built-in 4-port full-duplex 10/100 Switch to allow easy connecting of other wired-Ethernet devices. Ideally for creating a portable hotspot for sharing your 3G connectivity wirelessly among multiple users wherever you go.

Quick To Install

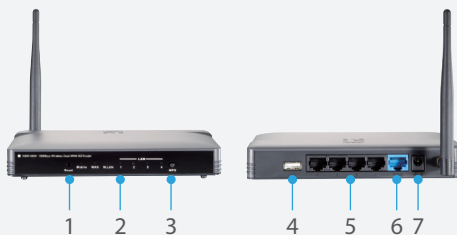
There are two approaches to have your network set up quickly and hassle-free. You can either install an Easy Setup Utility program from the provided CD or browse the intuitive web-based user interface to complete the setup wizard. Both features provide step-by-step guidance that allows you to setup the device without sacrificing any key features.

Auto Failover Design

With the WAN backup mechanism enabled, you will be assured of a reliable Internet connection in case your primary WAN connection goes down, it will failover to a secondary WAN connection automatically. In the meantime, if the device detects that your primary connection goes back on track, it will switch back from the secondary connection to the primary one again.

Comprehensive Network Security

Your network security is always our first priority. Our device supports the following features: SPI (Stateful Packet Inspection), packet filtering, domain filtering, URL content filtering and MAC control. All these features are dedicated to provide maximum protection against IP-based attacks, Dos (Denial of Service) attacks, unauthorized access and harmful websites.



1. Reset Button
2. LED Indicators
3. WPS Button
4. USB Port Interface
5. LAN Interface
6. WAN Interface
7. Power Port

Key Features

- Dual WAN interfaces (3G/xDSL) with auto-failover function to ensure an always-on connectivity
- 3G broadband router and 4-Port switch 2-in-1
- Enlarge wireless network coverage through WDS technology
- Share your wireless network up to 150Mbps
- Auto Channel Selection for low interference band
- QoS control for traffic prioritization and bandwidth management
- Built-in robust firewall to protect Internet access against intruders
- Simple wireless security with WPS push button
- Simple setup with user-friendly interface

Works Well With



WUA-0606
150Mbps Wireless USB Adapter



GNS-1001
1-Bay Gigabit Network Storage

Technical Specifications

Standard Compliant

IEEE802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11e, IEEE 802.1x,

Hardware 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

1 x USB Port for 3G/3.5G modem card (WCDMA/HSPA/CDMA2000/EVDO)

Antennas

1x 2dBi detachable dipole antenna (5dbi option available)

Radio

Wireless Data Transfer Rate

802.11n: 150 ~ 78 Mbps

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

Output Power

802.11n:11dbm ±1dBm

802.11g:11dbm ±1dBm

802.11b:13dbm ±1dBm

Sensitivity

802.11n(20MHZ): Range -72dBm ~ 87dBm

802.11n(40MHZ): Range -68dBm ~ 87dBm

802.11g: Range -72dBm ~ 91dBm Error Rate = 10% at room temperature.

802.11b: Range -86dBm ~ 91dBm Error Rate = 8% at room temperature.

Number of Channels

(2.412 ~ 2.462 GHz)Ch.1 ~ 11 USA

(2.412 ~ 2.472 GHz)Ch.1 ~ 13 EU

Operating Frequency

2.4 ~ 2.472 GHz

Software Specification

Wireless Features

USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz

Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz

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

Firewall

DoS Detection

NAT Firewall with SPI mode

Virtual Server, DMZ

Schedule-Based MAC, IP, Domain and URL Filtering

QoS Support

Port Number and IP Address Traffic Prioritization

802.11e WMM Supported

Other Features

UPnP Supported, VPN Pass-Through (PPTP, IPSec, L2TP), Wake on LAN

Management

SNMP, UPnP IGD, Syslog, Email Alert

Firmware Upgrade

Web-based (HTTP)

Supported Operating Systems

Windows 2000/XP/Vista/7

Physical Specification

Power Adapter

DC 5V / 1.2A

Dimensions: (L x W x H)

156mm x 110mm x 27mm

Certifications

CE, FCC

Environment Specification

Operating Temperature

Temperature: 0°C ~ 40°C , Humidity: 10~90% non-condensing

Storage Temperature

Temperature: -10°C ~ 70°C , Humidity: 0~95% non-condensing

Product Diagram



Order Information

Package Contents

WBR-6804: 150Mbps Wireless Dual-WAN 3G Router

- WBR-6804
- RJ-45 Cable
- Power Adapter
- Quick Installation Guide
- CD Manual/QIG/Utility
- Antenna (for detachable only)