WBR-6804 Version: 1



150Mbps Wireless Dual-WAN 3G Router

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 InstallThere 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 DesignWith 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 SecurityYour 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
- Effortless wireless security with a simple push of the WPS button
- Simple setup with user-friendly interface

Highlight

Auto Failover Design

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Specifications

System Specifications

Connectors and Cabling:

WAN: 1x RJ-45 10BASE-T/100BASE-TX, 1x USB Port for 3G/3.5G modem card (WCDMA/HSPA/CDMA2000/EVDO)
LAN: 4x RJ-45 10BASE-T/100BASE-TX

Button:

WiFi Protect Setup (WPS) Push Button Support

Power:

DC 5V / 1.2A

Standards & Protocols:

WAN: Static-IP Address, Dynamic IP Address (DHCP Client), PPPoE, PPTP, L2TP
IEEE802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11e, IEEE 802.1x,

Wireless

Operating Mode:

Access Point, WDS(one-to-many)

Encryption:

WEP 64/128-bit Web share key encryption
WPA, WPA2, 128-bit TKIP/AES encryption

Receive Sensitivity(dBm):

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.

Channel:

(2.412 ~ 2.462 GHz)Ch.1 ~ 11 USA
(2.412 ~ 2.472 GHz)Ch.1 ~ 13 EU

Antenna:

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

Frequency Band (GHz):

2.4 ~ 2.472 GHz

Data Transfer Rate:

802.11n: 150 ~ 78 Mbps

802.11g: 54 ~ 6 Mbps
802.11b: 11 ~ 1 Mbps

Features

Security:

Wireless: SSID Broadcast On/Of, WiFi Protect Setup (WPS)
Firewall: DoS Detection, NAT Firewall with SPI mode
Virtual Server, DMZ, Schedule-Based MAC, IP, Domain and URL Filtering
802.1x RADIUS
VPN Pass-Through (PPTP, IPSec, L2TP)

Management:

QoS: Port Number and IP Address Traffic Prioritization, 802.11e WMM Supported
UPnP, Wake on LAN, SNMP, UPnP IGD, Syslog, Email Alert

Environment

Temperature (°C):

Operation: 0°C ~ 40°C
Storage: -10°C ~ 70°C

Humidity (Non-condensing):

Operation:10~90%
Storage: 0~95%

Physical Specifications

Dimensions (W x D x H mm):

110mm x 156mm x x 27mm

Others

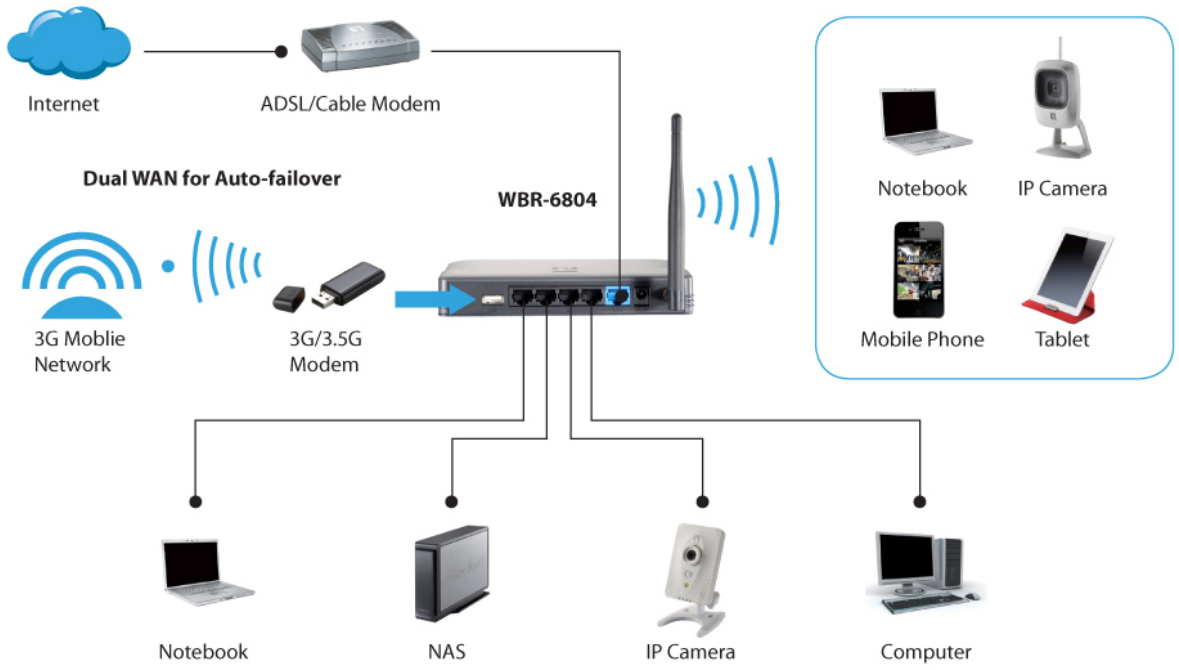
Approval and Compliance:

CE, FCC

Deployment:

Desktop, wall mount

Diagram



Order Information

WBR-6804

Package Contents

Power Adapter
Antenna
RJ45 Ethernet Cable
Quick Installation Guide
Resource CD (User Manual, Utility, QIG)

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