



WBR-6805 Version: 1

300Mbps Wireless Pocket Router

The LevelOne WBR-6805 300Mbps Wireless Travel Router is an ideal companion for Wi-Fi demanded frequent travelers. It is compact sized without constraining its functionality, enables high speed wireless sharing to multiple Wi-Fi gadgets. Powered by advanced German technology, this pocket router extends its ability from Wi-Fi sharing hotspot to work as a wireless media to any non-wireless device.

Exceptional Wireless Performance

Experience incredible wireless high speeds of up to 300Mbps– that's five times faster than Wireless G technology – making it perfect for those that require a robust router that will provide high wireless throughput for activities such as online gaming, video streaming, file sharing, and downloading music amongst multiple users. Furthermore, it is backward compatible with legacy Wireless B and G devices.

Secure Wireless Solutions

You can simply establish a secure wireless connection by pressing the single WPS (Wi-Fi Protected Setup) push-button. In addition to this, several independent levels of wireless security encryptions are supported such as WEP, WPA/WPA2-PSK (Pre-Shared Key), and WPA/WPA2-PSK Mixed which ensures wireless devices backward compatibility and wireless LAN access control.



1. LED Indicators
2. LAN Port
3. WAN Port

4. Power Port
5. WPS and Reset Button
6. AP / Router / Client mode

Key Features



- Compact design for frequent travelers
- Dual power options- USB port or power adapter
- Sharing Internet to multiple electronic gadgets when travel with constrained single Internet source
- Provides up to 300Mbps speed with 2 antennas (1 internal)
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Router/AP/Client 3 operation modes to suite different wireless applications
- Effortless wireless security with a simple push of the WPS button
- Compatible with IEEE 802.11b/g/n wireless standards
- Simple setup with user-friendly interface
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

Highlight

Eco-Conscious Design

LevelOne is always committed to providing significant energy savings products. With the implementation of the advanced energy efficiency technology (IEEE 802.3az), allowing for monitoring the link status of each port. Therefore reducing power consumption if a connected device is not active at a certain period of time. In this way, the power can be saved and utilized more effectively.

Works Well With



FEU-0510

5-Port Fast Ethernet Switch



WCS-0050

150Mbps Wireless Megapixel Network Camera



WUA-0614

150Mbps Wireless Nano USB Network Adapter

Specifications

System Specifications

Connectors and Cabling:

- 1 x 10/100Base-TX RJ-45 LAN Port
- 1 x 10/100Base-TX RJ-45 WAN Port
- 1 x USB DC Jack

Button:

WPS / Reset Button; AP / Router / Client mode slide switch

Indicator:

WAN, LAN, Wireless LAN, WPS, Power

Power:

Power Input: 100-240V~50/60hz DC 5V / 0.6A

Standards & Protocols:

General: IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3x Ethernet Flow Control
IEEE 802.1p Quality of Service (QoS)
IEEE 802.3az Energy-Efficient Ethernet
IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Wireless Networking

Wireless

Operating Mode:

Router/Access Point/Wireless Client Mode
Auto Channel Selection

Encryption:

WEP 64/128-bit Web share key encryption
WPA, WPA2, WPA-PSK/WPA2-PSK, 802.1X RADIUS
128-bit TKIP/AES encryption
Wi-Fi Protect Setup (WPS) Push Button

Receive Sensitivity(dBm):

300Mbps Typical-68dBm
54Mbps Typical-73dBm
11Mbps Typical-84dBm

Channel:

Ch.1 ~ 11 USA
Ch.1 ~ 13 EU

EIRP(dBm):

IEEE 802.11n: 13dbm $\pm$ 1dBm
IEEE 802.11g: 14dbm $\pm$ 1dBm
IEEE 802.11b: 16dbm $\pm$ 1dBm

Antenna:

1 x 2dBi internal antenna
1 x 2dBi fixed antenna

Frequency Band (GHz):

USA: 2.412 ~ 2.462 GHz
EU: 2.412 ~ 2.472 GHz

Features

General:

Quality of Service (QoS): IEEE 802.1p Quality of Service (QoS)

Security:

Firewall: Firewall and NAT IP Sharing

Performance

Data Transfer Rate:

LAN: 10/100Mbps

Wireless:

- IEEE 802.11n: 300 ~ 78 Mbps
- IEEE 802.11g: 54 ~ 6 Mbps
- IEEE 802.11b: 11 ~ 1 Mbps

Operating Distance:

Wired: 10/100Mbps up to 100m
Wireless - Indoor 35 ~ 100m; Outdoor 100 ~ 300m

Environment

Power Saving:



IEEE 802.3az - Energy Efficient Ethernet

Temperature (°C):

Operating: 0°C ~ 40°C

Storage: -20°C ~ 70°C

Humidity (Non-condensing):

Storage: 5 ~ 95%

Operating: 10 ~ 90%

Physical Specifications

Dimensions (W x D x H mm):

74.5 x 59 x 15.5 mm

Weight (g):

42g

Others

Approval and Compliance:

FCC, CE, VCCI Class B

Deployment:

Desktop

Diagram

Router Mode



Access Point Mode



Wireless Client Mode



Order Information

WBR-6805

Package Contents

Power Adapter
USB Cable
Quick Installation Guide
Resource CD (User Manual, QIG)

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