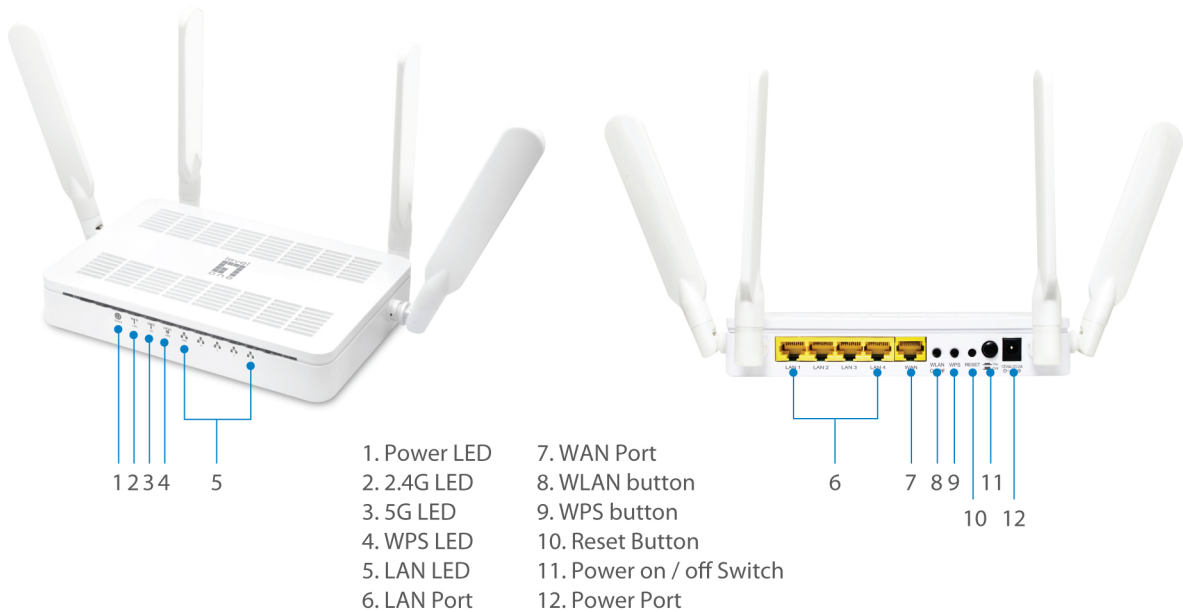




WGR-8032 Version: 1

AC1750 Dual Band Wireless Gigabit Router

The LevelOne WGR-8032 is an 802.11ac/n Dual Band Wireless Router, boasting exceedingly fast 1750Mbps speeds, very high security levels and operating bands on both 2.4 and 5Ghz frequencies. With 4 built-in Gigabit LAN ports, this is an excellent choice for the modern professional working environment or smart home.



Key Features

- Share your wireless network up to 1750Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Dual band technology reduces interference for reliable connections
- Auto Channel Selection for low interference band
- Simple wireless connectivity and security with WPS push button
- Wireless signal on/off button
- Client isolation allows strict control of access to wireless devices on the network



Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.11e Wi-Fi Multimedia (WMM)
IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11AC Wireless Networking

Memory:

8MB Flash Rom
128MB DDR3

Port:

1x 10/100/1000Mbps Base-TX WAN Port
4x 10/100/1000Mbps Base-TX LAN Port

Button/Knob:

Power button
Reset button
WPS button
Wifi button

Indicator:

PWR
2.4G WLAN
5G WALN
WAN Link/Act
LAN Link/Act

Power Input:

Power supply DC12V / 1.5A

Number of NAT Sessions:

11000

MAC Address Table:

20

Data Transfer Rate:

LAN/WAN: 10/100/1000Mbps

Wireless

Operating Mode:

Router , AP, Repeater , Wireless ISP

Encryption:

WEP 64/128-bit Web share key encryption WPA, WPA2, 802.1x
WPA, WPA2-PSK TKIP/AES encryption, WPA-PSK 802.1x

Receive Sensitivity(dBm):

2.4GHz:

802.11n (20MHZ_MCS0): Range -85 dBm
802.11n (40MHZ_MCS0): Range -82 dBm
802.11g 6Mbps: Range -85 dBm
802.11g 54Mbps: Range -68 dBm
802.11b 1Mbps: Range -83 dBm
802.11b 11Mbps: Range -76 dBm

5GHz:

802.11a 6Mbps: Range -85 dBm
802.11a 54Mbps: Range -65 dBm
802.11n (20MHZ_MCS0): Range -82 dBm
802.11n (40MHZ_MCS0): Range -79 dBm
802.11ac (20MHZ_MCS0): Range -82 dBm
802.11ac (40MHZ_MCS0): Range -79 dBm
802.11ac (80MHZ_MCS0): Range -76 dBm

Channel:

2.4GHz:

Ch.1 ~ 13 EU

Ch.1 ~ 11 USA

5GHz:

Ch.36 ~ 48 EU

Ch.36 ~ 48 , 149 ~ 161 USA

EIRP(dBm):

(Controllable for different country regulations)

802.11ac: up to 15dBm \pm 1dBm802.11n: up to 17dBm \pm 1dBm802.11g: up to 20dBm \pm 1dBm802.11b: up to 20dBm \pm 1dBm**Antenna:**

4x 5dBi Dual Band external Antenna

Frequency Band:

2.4 ~ 2.4835 GHz

5.15 ~ 5.25 GHz

5.25 ~ 5.825 GHz

Data Transfer Rate:

802.11ac : 1300Mbps

802.11n: 450Mbps

802.11g: 54Mbps

802.11b: 11Mbps

Features**General:**

Quality of Service (QoS): IEEE 802.11e Wi-Fi Multimedia (WMM)

VPN: PPTP, IPSec, L2TP Passthrough

DNS: Dynamic DNS (DDNS)

Multi-SSID: 8 SSIDs (2.4G Hz for 4 SSIDs , 5.8G Hz for 4 SSIDs)

Security:

NAT Firewall

Virtual Server

DMZ

Schedule-Based MAC

FilteringSSID Broadcast On/Off

Management:

Web-Based GUI Configuration

Performance**Operating Distance:**

?50m

Environment**Temperature (°C):**

Storage: -20 ~ 70°C

Operating: 0 ~ 40°C

Humidity (Non-condensing):

Storage: 20 ~ 95%

Operating: 20 ~ 90%



Installation:
Desktop

Physical Specifications

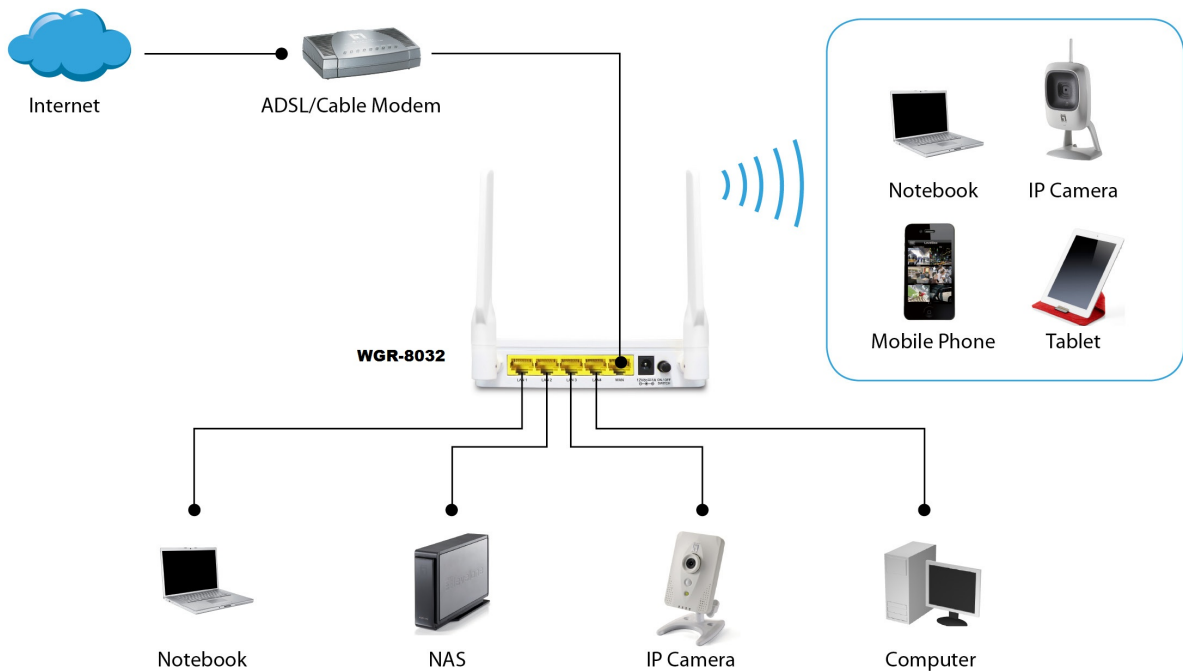
Dimensions (W x D x H mm):
174X 118X 30mm

Weight (g):
0.355kg

Approval and Compliance

EMI/EMS:
CE

Diagram



Order Information

Package Contents

WGR-8032
Quick Installation Guide
RJ45 Network Cable
Power Adapter

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