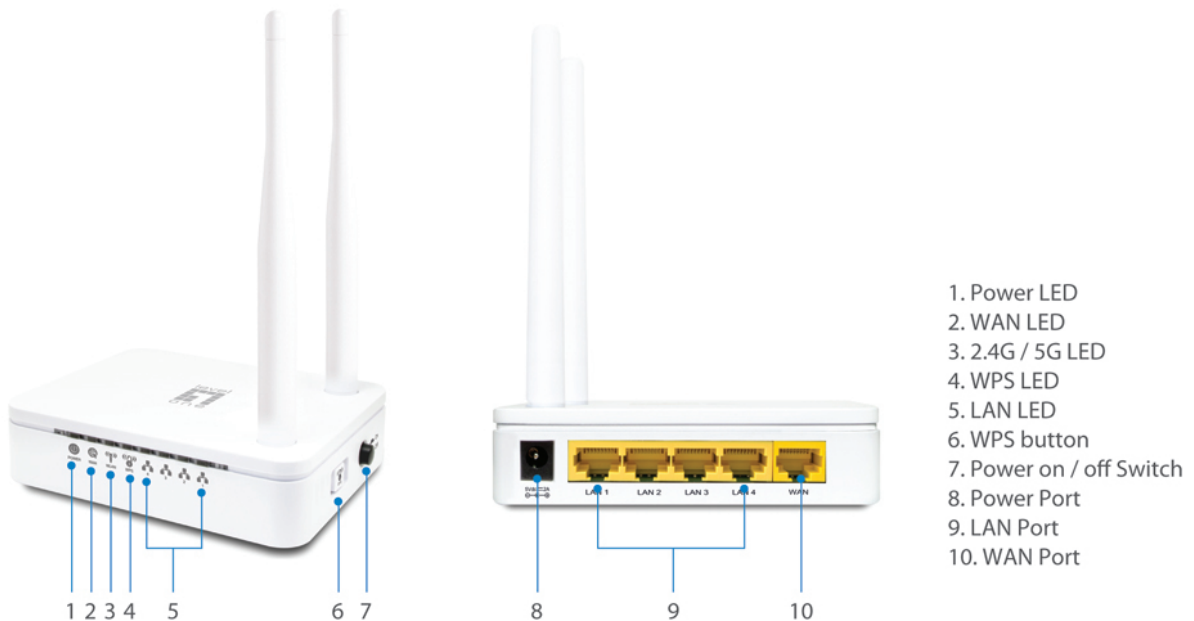WBR-6013 Version: 1

N300 Wireless Router

The LevelOne WBR-6013 is an 802.11n 300Mbps Wireless Router with 4 Fast Ethernet LAN ports, providing quick, reliable wireless internet with high levels of security. It is an excellent solution for sharing files, playing games, and streaming video wirelessly. Ideal for the most demanding home and office networking needs.

1. Power LED
2. WAN LED
3. 2.4G / 5G LED
4. WPS LED
5. LAN LED
6. WPS button
7. Power on / off Switch
8. Power Port
9. LAN Port
10. WAN Port

Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Auto Channel Selection for low interference band
- Simple wireless connectivity and security with WPS push button
- Provides up to 4 SSIDs to separate network traffic and enhance security
- 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 802.11b, IEEE 802.11g, IEEE 802.11n

Memory:
4MB Flash Rom
32MB DDR2

Connectors and Cabling:
1x 10/100Mbps Base-TX WAN Port
4x 10/100Mbps Base-TX LAN Port

Button/Knob:
Power
Reset button
WPS button

Indicator:
PWR
2.4G WLAN
WAN Link/Act
LAN Link/Act

Power Input:
DC12V / 0.5A

Wireless

Operating Mode:
AP, Repeater, Bridge

Encryption:
WEP 64/128-bit Web share key encryption WPA,WPA2,802.1x
WPA, WPA2-PSK TKIP/AES encryption, WPA-PSK802.1x

Receive Sensitivity(dBm):
2.4GHz:
802.11n (20MHZ_MSC0): 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

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

EIRP(dBm):
Controllable for different country regulations)
802.11n: up to 17dBm ± 1dBm
802.11g: up to 20dBm ± 1dBm
802.11b: up to 20dBm ± 1dBm

Antenna:
2x 5dBi external Antenna

Frequency Band (GHz):
2.4 ~ 2.4835 GHz

Data Transfer Rate:
802.11n: 300 Mbps
802.11g: 54 Mbps
802.11b: 11 Mbps

Features

General:
VPN: PPTP, IPSec, L2TP Passthrough
DNS: Dynamic DNS (DDNS)
2.4G Multi-SSID: 4 SSIDs
Client Isolation
SSID Isolation

Security:
NAT Firewall
Virtual Server
DMZ
SSID Broadcast On/Off

Management:
Web-Based GUI Configuration

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

Performance

Number of NAT Sessions:
4096

MAC Address Table:
20

Data Transfer Rate:
LAN: 10/100Mbps

Environment

Temperature (°C):
Storage: -20 – 70°C
Operating: 0 – 40°C

Humidity (Non-condensing):
Storage: 20 ~ 95%
Operating: 20 ~ 90%

Deployment:
Desktop

Physical Specifications

Dimensions (W x D x H mm):
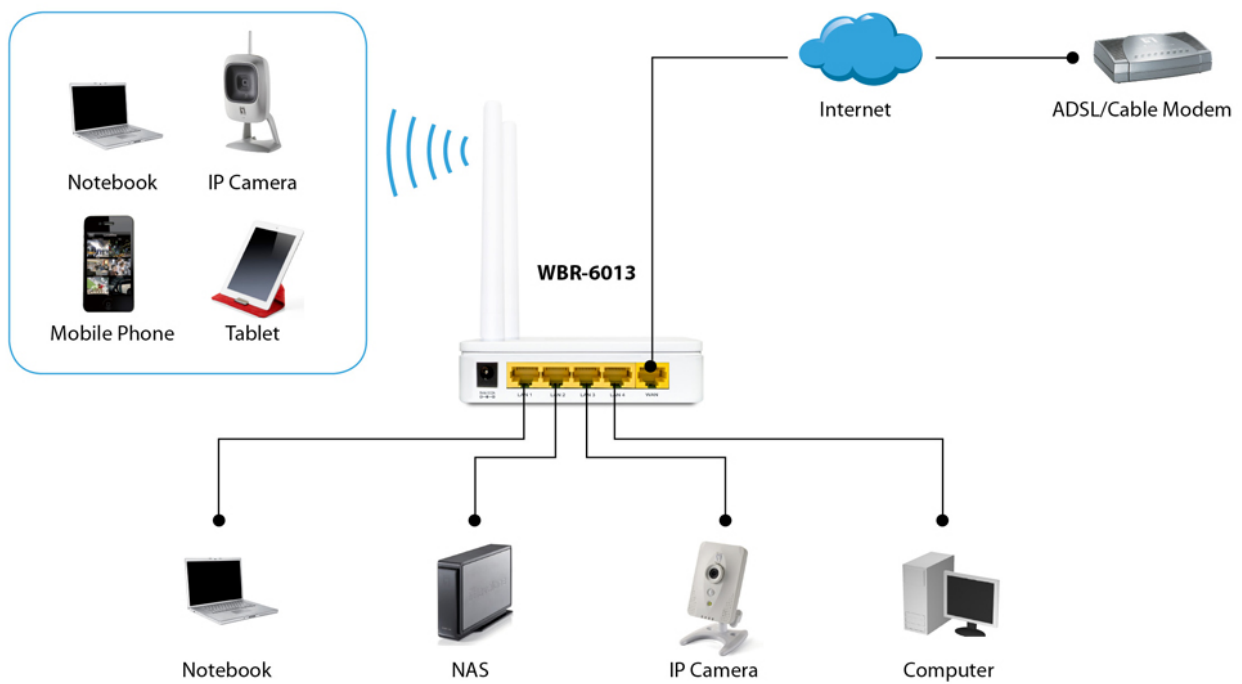115 X 90 X 28 mm

Weight (g):
0.185kg

Approval and Compliance

EMI/EMS:
CE

Diagram

Order Information

WBR-6013

Package Contents

WBR-6013
RJ45 Network Cable
Quick Installation Guide