

WBR-6003 Version: 2



N150 Wireless Router

11n Wireless TechnologyThe LevelOne WBR-6003 is a wireless router that offers home and office users the latest 802.11n technology at a competitive price. Rated at 150Mbps, users will notice a significant improvement in wireless throughput compared to the previous standard of 802.11g.

Streaming Video and Music for reliable EntertainmentWBR-6003 is the ideal solution for users who enjoy home network flexibility and require a stable performance. Sharing and streaming files with fast and reliable connections, without any lag or latency when listening to music or watching the latest video.

Simple Security and SetupThe built-in Wireless Signal On/Off Button enables users to decide when the wireless internet access is on/off for greater network control. WPA/WPA2 encryption offers ideal protection against unwanted packet sniffing. The WBR-6003 comes with 802.1x RADIUS support for advanced network configuration. Setting up a secure wireless connection is fast and easy with a WiFi Protected Setup Push Button. Simply push the button and the WBR-6003 negotiates the best security encryption with compatible computers on the network.



1. LED Indicators
2. WiFi Protected Setup(WPS) Button
3. LAN Interface
4. WAN Interface
5. Reset Button
6. Power Port

Key Features

- Share your wireless network up to 150Mbps
- Auto Channel Selection for low interference band
- Enlarge wireless network coverage through WDS technology
- Wireless signal on/off button
- Effortless wireless security with a simple push of the WPS button
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Built-in robust firewall to protect Internet access against intruders



Specifications

System Specifications

Standards & Protocols:

General: IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.11e QoS provisioning at the MAC layer
IEEE 802.1X Port-based Network Access Control (PNAC)
IEEE 802.3x Ethernet Flow Control
IEEE 802.11i Wi-Fi Protected Access (WPA2)
IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Wireless Networking
Static-IP Address, Dynamic IP Address (DHCP Client), PPPoE, PPTP, L2TP

Connectors and Cabling:

4 x 10/100Base-TX RJ-45 LAN Port
1 x 10/100Base-TX RJ-45 WAN Port

Button:

WPS Button; Reset Button

Indicator:

Status / WAN / Wireless LAN / LAN

Power:

Power Input: DC 5V / 1A

Wireless

Operating Mode:

Wireless Distribution System (WDS): One-to-Many peer AP (Max. 4 peer APs)
Wireless Signal On / Off Button
Auto Channel Selection

Encryption:

WEP 64/128-bit Web share key encryption
WPA, WPA2, IEEE 802.1x RADIUS support
128-bit TKIP/AES encryption
SSID Broadcast On/Off
Wi-Fi Protect Setup (WPS) Configuration

Channel:

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

Antenna:

1 x 3dBi or 5dBi dipole antenna (fixed or detachable depending on regional SKU or local request)

Frequency Band (GHz):

2.4 GHz ~ 2.4835 GHz

Features

General:

Quality of Service (QoS): IEEE 802.11e Wi-Fi Multimedia (WMM)
VPN: PPTP, IPSec, L2TP Passthrough
DNS: v
DHCP: v

Security:

Firewall: DoS Detection
NAT Firewall with SPI mode
Virtual Server, DMZ
Schedule-Based MAC, IP, Domain and URL Filtering
Technical Specification
Filtering: Schedule-Based MAC, IP, Domain and URL Filtering

Management:

Diagnosis: Syslog

Power: Wake-on-LAN (WoL)

Network: Simple Network Management Protocol (SNMP)

NTP Time Server

Performance**Data Transfer Rate:**

LAN: 10/100Mbps

Wireless:

- IEEE 802.11n: 150 ~ 78 Mbps

- IEEE 802.11g: 54 ~ 6 Mbps

- IEEE 802.11b: 11 ~ 1 Mbps

Environment**Temperature (°C):**

Operating: 0°C ~ 40°C

Storage: -20°C ~ 70°C

Humidity (Non-condensing):

Storage: 0.95

Operating: 0.85

Physical Specifications**Dimensions (W x D x H mm):**

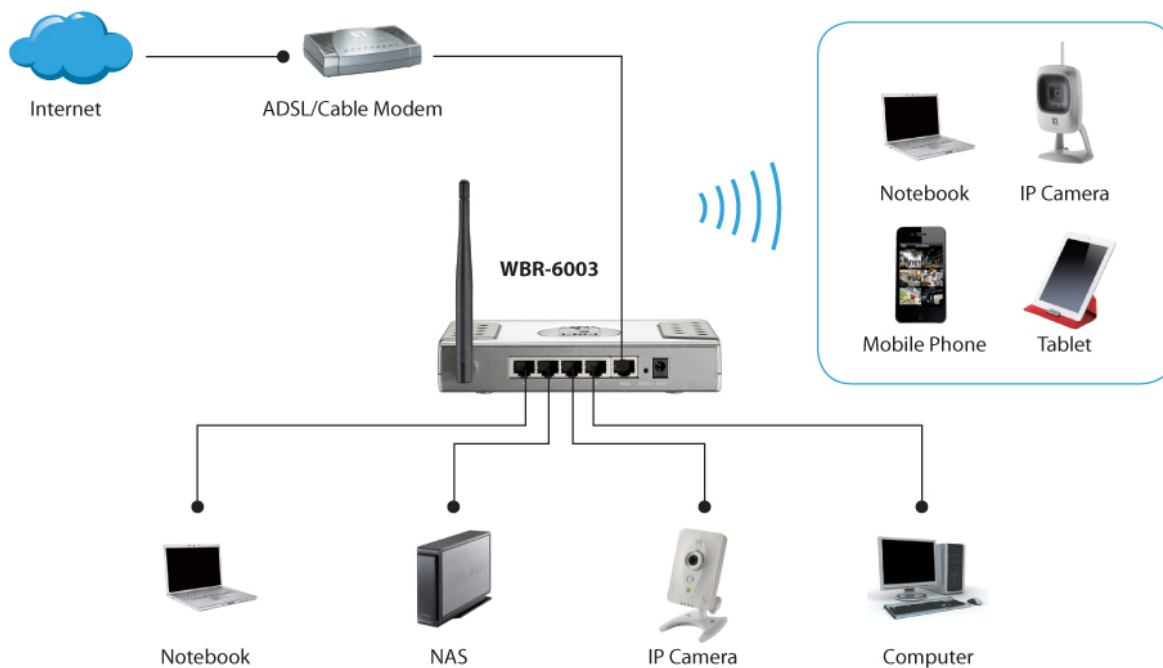
112 x 166 x 30 mm

Others**Approval and Compliance:**

CE, FCC



Diagram



Order Information

WBR-6003

Package Contents

WBR-6003
Power Adapter
Antenna
RJ45 Network Cable
Quick Installation Guide
Resource CD (User Manual, Utility)

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