



WAH7601

4G LTE Portable Router

The Zyxel WAH7601 4G LTE Portable Router offers longer service time and better WiFi signal capacity in comparison with smartphone hotspots that has to deal with other tasks at the same time. With Category 4 support, WAH7601 gives you instant and stable Internet connectivity with data rates of up to 150 Mbps*; and its compact plug-and-play design allows you to enjoy being online with your friends anytime, anywhere.

Benefits

High plug-and-play mobility

The battery-powered Zyxel WAH7601 gives you WiFi connectivity on the go. No matter what outdoor activity you choose to enjoy, the compact, plug-and-play Zyxel WAH7601 requires only a mini SIM card to establish instant, stable Internet connections. WiFi sharing with the WAH7601 not only frees up your smartphone for other activities, but also provides better performance as it focuses on data forwarding. Better yet, this also saves power for your phone and enables it to handle other works at the same time.



3GPP Release 9 Category 4, data rates of up to 150/50 Mbps* (DL/UL)



802.11 b/g/n 2.4 GHz 300 Mbps link rate*



Micro SD card slot for memory cards of up to 32 GB capacity



2000 mAh removable battery provides up to 8 hours of working time



Supports up to 10 WiFi connected clients

Extended coverage over the world

Though LTE services are spreading quickly, there are still many countries lagging behind with only 3G and 2G available and different countries could adopt different LTE frequencies. The Zyxel WAH7601 supports 4G/3G/2G multimode and multi-band features that include the TDD band 38 and 40 to fulfil the need of most operators.



Happy WiFi sharing

The main purpose of the portable router is to share Internet connectivity with friends and family. Supporting 802.11n WiFi technology, the Zyxel WAH7601 allows up to 10 simultaneous WiFi clients to enjoy instant and stable Internet. It will not only set your smartphone free, but also will provide a better shared WiFi experience.



Stay connected longer and safer

The battery-run WAH7601 is able to provide a longer service time than smartphone hotspots as well as more stable signals since no other application would interrupt WiFi sharing, and the removable battery allows it to

extend service time with fresh ones. Rather than the usual lithium-ion batteries, the thoughtful design employs lithium polymer batteries that withstand higher temperatures for better safety.



** Built-in battery lasts up to 8 hrs. in average.
(Depends on network environment.)

Specifications

System Specifications

System Features

- Web UI/multiple language supported
- SD card content sharing (WiFi)
- SMS/quota/APN/PIN management
- Network selection
- Data usage/statistic
- DHCP server
- Network Address Translation (NAT)
- IP firewall
- Proxy DNS
- VPN pass-through
- USB RNDIS device/USB tethering

WiFi AP Features

- 802.11 b/g/n 2.4 GHz, 300 Mbps link rate*
- Auto Channel Select (ACS)
- Maximum WiFi enabled devices: 10
- Hidden SSID
- Security modes: WPA/WPA2 PSK, &WPA/WPA2 mixed mode
- EAP-AKA authentication
- AP power save
- Access control: STA blacklist/white list
- MAC filtering
- WPS: PIN and PBC, WPS2.0

Hardware Specifications

LTE Air Interface

- Standard compliant: 3GPP Release 9 Category 4
- Supported frequency: B1/3/7/8/20/38/40
- LTE antenna: 2 internal antennas
- Peak data rate:
 - 150 Mbps* DL within 20 MHz bandwidth
 - 50 Mbps* UL within 20 MHz bandwidth

UMTS Air Interface

- Standard compliant: DC-HSDPA/HSPA+ compliant
- Supported frequency:
 - HSPA+/UMTS band 1/8
 - EDGE/GPRS/GSM band 3/8
 - Downlink data rate up to 42 Mbps*
 - Uplink data rate up to 5.76 Mbps*

WiFi Air Interface

- Standard compliant: IEEE 802.11 b/g/n, 2.4 GHz
- WiFi 2.4 GHz antenna: 2 internal antennas
- Speed: 300 Mbps for 2.4 GHz*

Power Consumption

- 600 mA max

Physical Specifications

Hardware Interface

- USB 2.0 high speed for network access
- One mini SIM (2FF) UICC/USIM card slot
- One micro SD card slot up to 32 GB
- Buttons:
 - Power on/off button
 - WPS button
 - Reset button
- LED display:
 - Power
 - 2G/3G/4G network status
 - WiFi status
 - SMS status

Battery**

- Removable li-polymer battery
- 3.7 V, 2000 mAh
- Up to 8 hours operating time (Depends on network environment)

Physical Specifications

- Item dimensions (WxDxH): 110.0 x 63.0 x 15.7 mm (4.33" x 2.48" x 0.62")
- Item weight: 105 g (0.232 lb.)
- Packing dimensions (WxDxH): 150.0 x 95.0 x 65.0 mm (5.91" x 3.74" x 2.56")
- Packing weight: 270 g (0.595 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 5% to 95% (non-condensing)

Storage Environment

- Temperature: -30°C to 70°C (-22°F to 158°F)
- Humidity: 5% to 95% (non-condensing)

Certification

- CE
- Safety EN60950-1
- WEEE
- RoHS

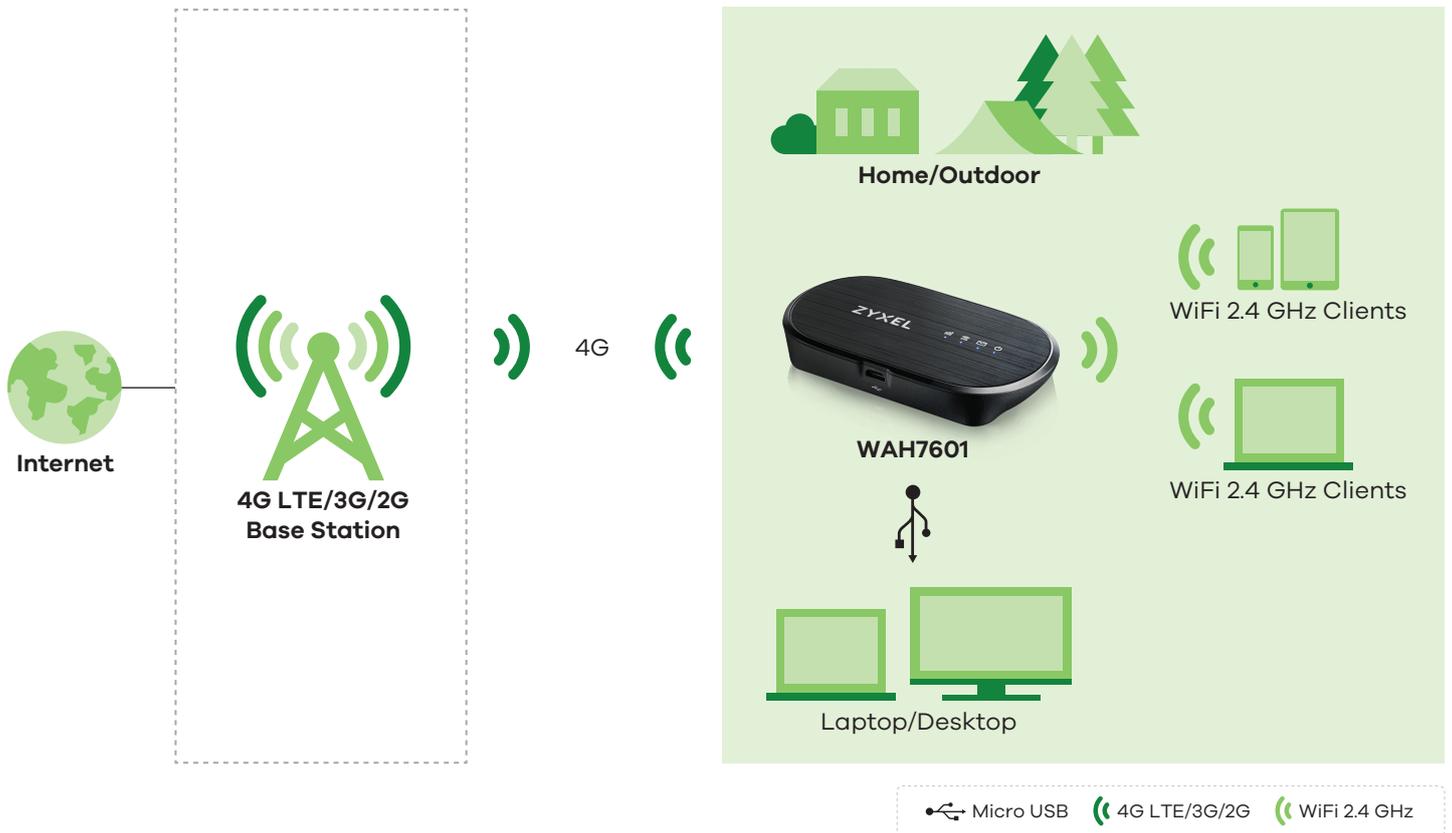
Package Contents

- Portable router
- Battery (2000 mAh)
- Micro USB cable
- Power adapter
- Quick start guide
- Safety warning
- Warranty card
- DoC

* The maximum wireless data transfer rate is derived from IEEE Standard 802.11 and 3GPP specifications close to UE Category 4. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

** The warranty is provided for a period of six months in respect of the removable/embedded battery. It is designed to retain up to 80% of its original capacity at 500 complete charge cycles.

Application Diagram



Interface description



For more product information, visit us on the web at www.zyxel.com

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