ZYXEL

WAH7608

4G LTE Portable Router

The WAH7608's focus on data forwarding enables the hotspot to provide longer service time and better performance while the shared smart phone deals with other tasks at the same time. With supports to data rates of up to 150 Mbps and compact plug-and-play design, the WAH7608 allows you to enjoy lightning-fast Internet connectivity with friends anytime, anywhere.

Benefits

Plug-and-play with high mobility

Powered by a battery, the Zyxel WAH7608 4G LTE Portable Router is designed for sharing WiFi connectivity on the go. Its plug-and-play design allows you to just insert a SIM card and get instant Internet connection. Sharing WiFi with the WAH7608 frees up your smart phone for other activities, while concentration on data forwarding makes the WAH7608 WiFi to perform much better than a smart phone, and it also enables the smart phone to handle other applications 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

Embedded LTE and WLAN antenna

TS-9 connectors for external LTE antenna

Micro SD card slot for memory cards of up to 64 GB capacity

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

Supports Android and iOS apps

Datasheet WAH7608

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 WAH7608 supports 4G/3G/2G multi-mode and multi-band features that includes the TDD band 38 and 40 to fulfill the need of most operators.

Happy WiFi sharing

The main purpose of the portable router is to share Internet connectivity with friends and family. With supports to the 802.11n WiFi technology, the Zyxel WAH7608 allows up to 10 simultaneous WiFi clients to enjoy the lightning-fast Internet connection simultaneously, which not only sets your smart phone free but also lets WAH7608 to provide a better WiFi sharing experience.

Stay connected longer and safer

As the Zyxel WAH7608 concentrates on data forwarding without the extra smart phone features, its power can be efficiently utilized and therefore it works longer. The removable battery allows extended service time by replacing fresh batteries. The thoughtful design employs lithium polymer batteries, rather than usual lithium-ion batteries, that withstand higher temperatures for better safety.

8 hrs.
in average

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

App management

Zyxel provides iOS and Android apps for easy management. Users can use the apps to perform setup and WiFi sharing via a smart phone as well as to manage all the connected devices effortlessly.

LTE Ally

GET IT ON Google Play

Available on the iPhone App Store

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
- NAT
- IP firewall
- Proxy DNS
- VPN pass-through

WiFi AP Features
- 802.11 b/g/n 2.4 GHz, 300 Mbps link rate
- Auto Channel Select (ACS)
- WiFi enabled device #: 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

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

Hardware Specifications

LTE Air Interface
- Standard compliant: 3GPP release 9 category 4
- Supported frequency: Band LTE 1/2/3/5/7/8/20/38/40
- 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 1/2/5/8
  - EDGE/GPRS/GSM band 2/3/5/8
  - 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

Hardware Interface
- USB 2.0 high speed for network access
- Two TS9 antenna connectors for LTE/3G
- One mini SIM (2FF) UICC/USIM card slot
- One micro SD card slot up to 64 GB
- Buttons:
  - Power on/off button
  - WiFi on/off button
  - WPS button
  - Reset button
- 0.96" OLED display:
  - Service provider name
  - 2G/3G/4G network status
  - Roaming status
  - Signal strength
  - Battery status
  - WiFi status
- Power consumption: 600 mA max
- DC input (5V/1A, Micro USB)

Physical Specifications
- Item dimensions (WxDxH): 120 x 66.5 x 17.5 mm (4.72" x 2.63" x 0.67")
- Item weight: 130g (4.59 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)
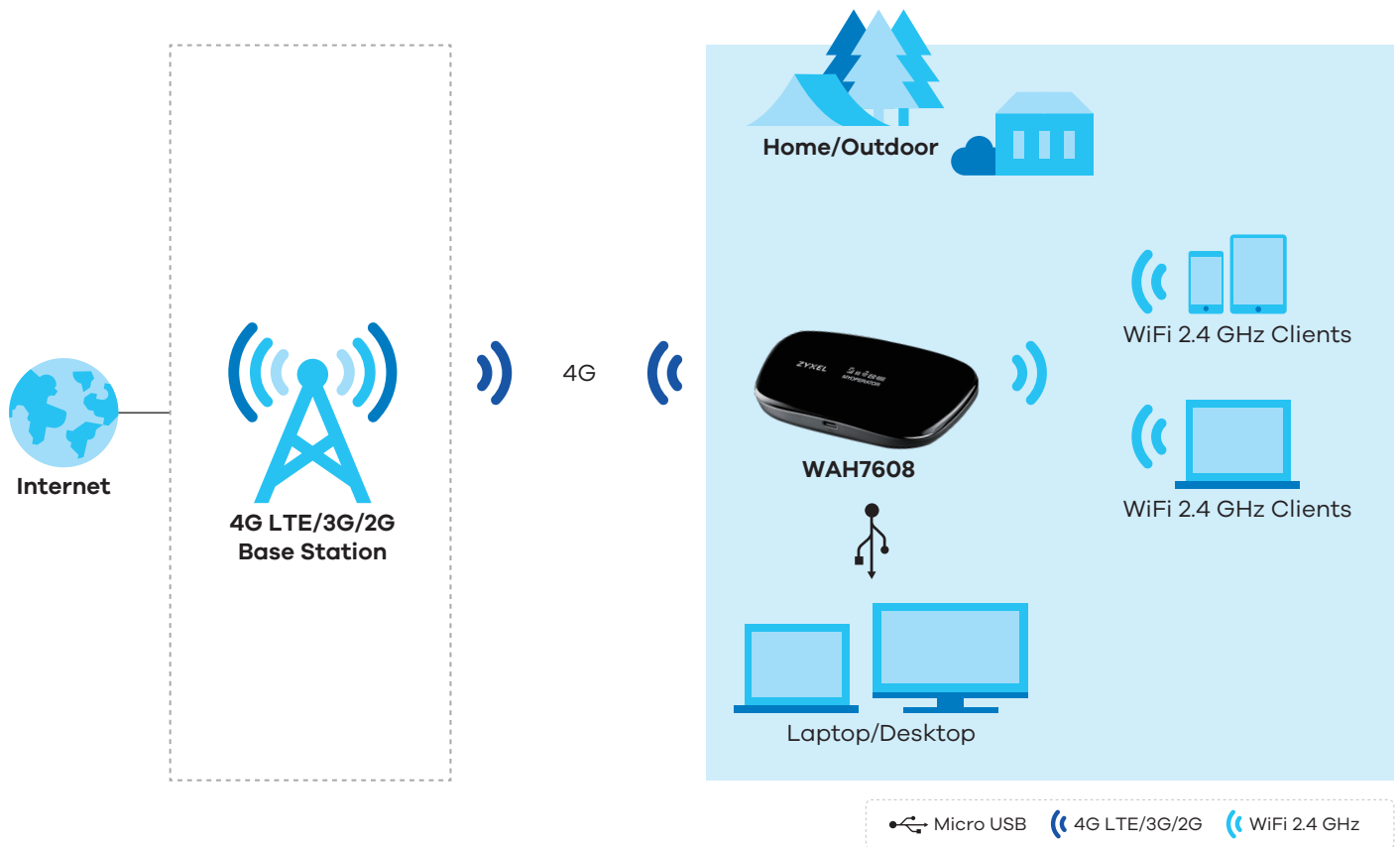- Humidity: 5% to 95% (Non-condensing)

Certification
- CE
- Safety EN60950-1
- WEEE
- RoHS

Package Contents
- Battery (2000 mAh)
- Micro USB cable
- PSU

* Notice: The warranty is provided for a period of six (6) months in respect of the removable battery.

Application Diagram

Internet

4G LTE/3G/2G Base Station

4G

Home/Outdoor

WAH7608

WiFi 2.4 GHz Clients

WiFi 2.4 GHz Clients

Laptop/Desktop

Micro USB | 4G LTE/3G/2G | WiFi 2.4 GHz

Datasheet WAH7608

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