



## LTE5398-M904

### 4G LTE-A Pro Indoor IAD

Zyxel LTE5398-M904 4G Pro LTE-A Indoor IAD supports Cat. 18 and AC2050 Dual-Band concurrent links. Its "Dual-WAN Failover" design guarantees a reliable broadband internet access via either mobile WAN or fixed-line WAN for premium services with lower CAPEX.

### Benefits

#### Lightning-fast internet connectivity

Zyxel LTE5398-M904 employs 3GPP UE downlink Category 18 – the highest-level practice LTE-A Pro technology with data rates of up to 1200/150 Mbps\*. The built-in 4x4 MIMO high-performance antennas increase your service capacity and expand the internet coverage for your subscribers.

#### Easy installation with with space-saving design

The simple and intuitive device design of Zyxel LTE5398-M904 provides your subscribers with a trouble-free installation and configuration experience, while allowing you to maintain an excellent service quality with a lower OPEX.

#### Non-stop connectivity with "Dual-WAN Failover" design

Designed with the "Dual-WAN Failover" function, the Zyxel LTE5398-M904 guarantees reliable connectivity by using LAN1 port as recovery WAN.



3GPP Release 12 Cat. 18 up to 1200/150 Mbps\* (DL/UL)



AC2050 dual-band WiFi AP



Built-in LTE 4x4 MIMO high-performance antennas



Dual-WAN Failover (mobile WAN/Ethernet WAN)



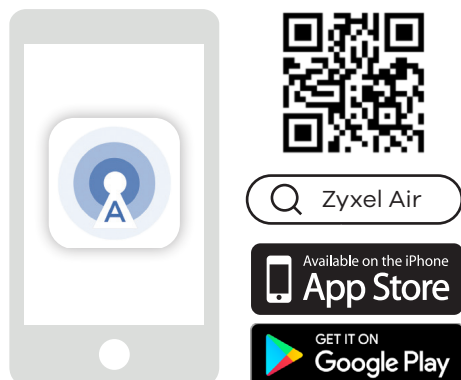
Supports VoIP/Phone



Zyxel Air App (iOS and Android)

## Easy installation with Zyxel Air

The LTE5398-M904 comes with a subscriber app – Zyxel Air. The intuitive user interface of Zyxel Air provides the necessary assistance from device setup to routine management. You can minimize service calls during the installation process while enhancing a satisfying user experience.



## Boosts efficiency of the existing infrastructure with dual-mode flexibility

The bridge/router function allows service providers to start a new deployment or upgrade services by connecting to the subscriber's existing broadband router with a lower CAPEX.

## Specifications

### System specifications

#### IP networking

- Cellular and Ethernet WAN failover and failback
- Supports IPv4/IPv6 dual stack
- DHCP client/server
- VPN pass-through (PPTP/IPSec and L2TP pass-through)
- Data roaming disable/enable
- IP firewall
- NAT/NAPT
- Port forwarding/DMZ
- DNS/DDNS
- Supports router mode/bridge modes (IP pass-through)
- Primary WAN/secondary WAN management

#### WLAN feature

- WiFi-enabled devices: up to 32
- Auto channel selection
- WiFi Protected Setup (WPS)
- WiFi Multimedia (WMM)
- Security: none, WPA2-Personal, WPA+WPA2
- Multiple SSIDs/hide SSIDs
- WLAN scheduling

#### Management

- APN management
- SIM PIN/PUK management
- SMS management
- Network selection
- Operating frequency band selection
- Supports Zyxel Air app (iOS and Android) for easy installation and local management only

### Hardware specifications

#### LTE Air interface

- Standard-compliant: 3GPP Release 12 Cat. 18
- Supports LTE bands:
  - LTE FDD: B1/B3/B5/B7/B8/B20/B28
  - LTE TDD: B38/40/41
- Carrier-aggregation up to 5 (more detail information please contact with local sales)
- Peak data rates:
  - 1200 Mbps DL within 80 MHz bandwidth (CA)
  - 150 Mbps UL within 40 MHz bandwidth (intra-band CA)

#### UMTS Air interface

- Standard-compliant: WCDMA bands B1/3/5/8
- Supported frequencies:
  - HSPA+/UMTS 2100/1800/900/850 MHz (bands 1/3/5/8)
- HSPA+ downlink data rates up to 42 Mbps
- HSUPA uplink data rates up to 5.76 Mbps

#### WiFi Air interface

- Wireless standard (concurrent)
  - IEEE 802.11 b/g/n, 2.4 GHz
  - IEEE 802.11 a/n/ac, 5 GHz
- WiFi 2.4 GHz antenna: 2x2 internal antennas up to 3 dBi
- WiFi 5 GHz antenna: 4x4 internal antennas up to 5 dBi

#### Hardware interface

- Two GbE RJ-45 LAN ports. LAN1 can be configured as Ethernet WAN port
- One voice port
- One WPS & WiFi on/off button
- One 3FF micro SIM card socket
- One reset to default button

- LEDs (from left to right on the panel):
  - Power/USB (green/blue)
  - Internet (green)
  - LTE signal strength (green/red/orange)
  - WiFi/WPS (green)
- One power on/off button
- One DC power jack
- One USB 2.0 host port
- Two external LTE/3G SMA connectors

### Power consumption

- 24 W (peak)

### Physical specifications

- Item dimensions (WxDxH):  
100 x 100 x 205 mm  
(3.94" x 3.94" x 8.07")
- Item weight: 599 g (1.32 lb.)

- Packing dimensions (WxDxH):  
247 x 170 x 120 mm  
(9.72" x 6.7" x 4.73")
- Packing weight: 1600 g (3.54 lb.)

### Environment specification

#### Operating environment

- Temperature:  
0°C to 40°C (32°F to 104°F)
- Humidity:  
10% to 90% (non-condensing)

#### Storage environment

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

### Certification

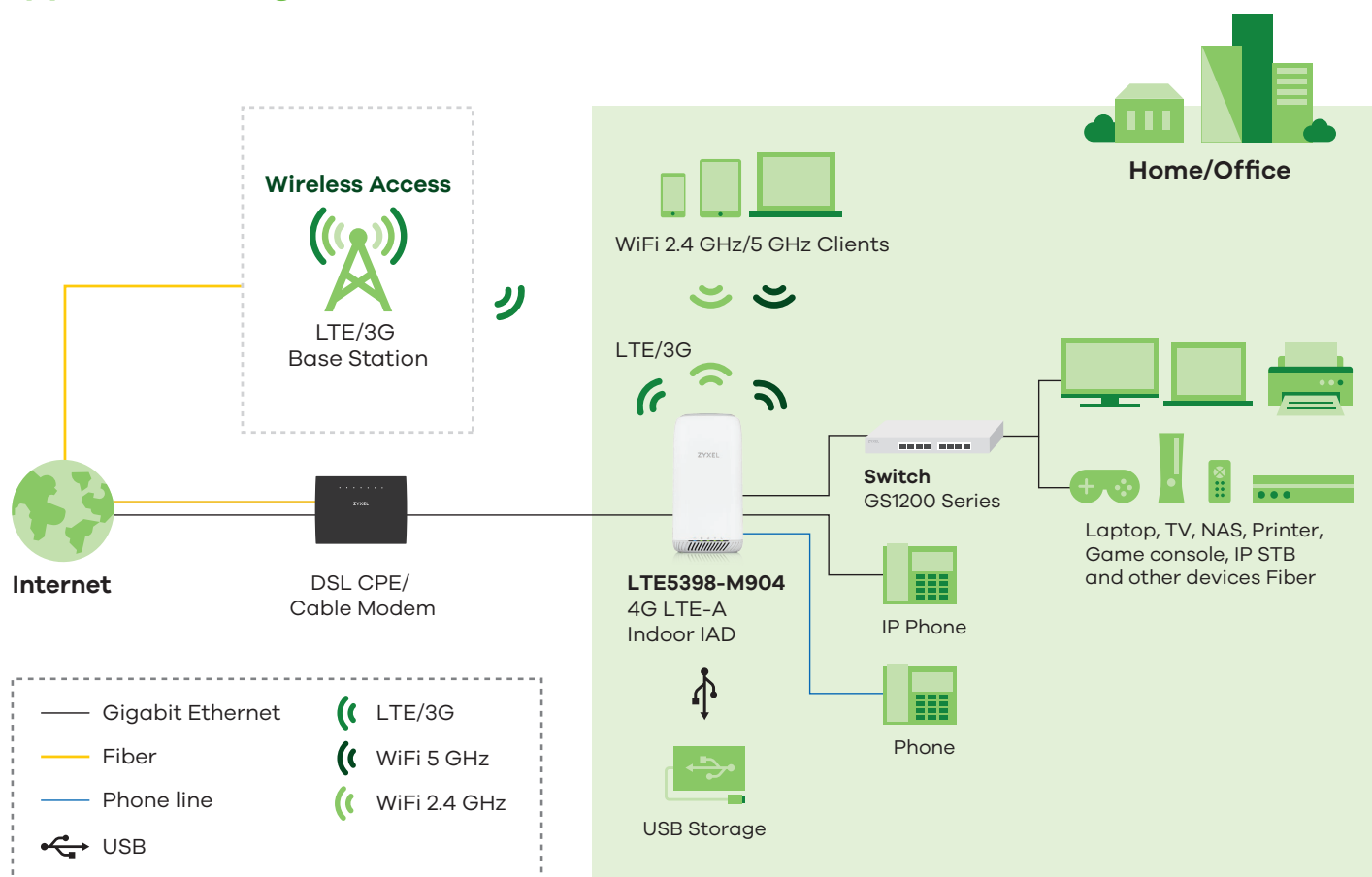
- CE

### Package contents

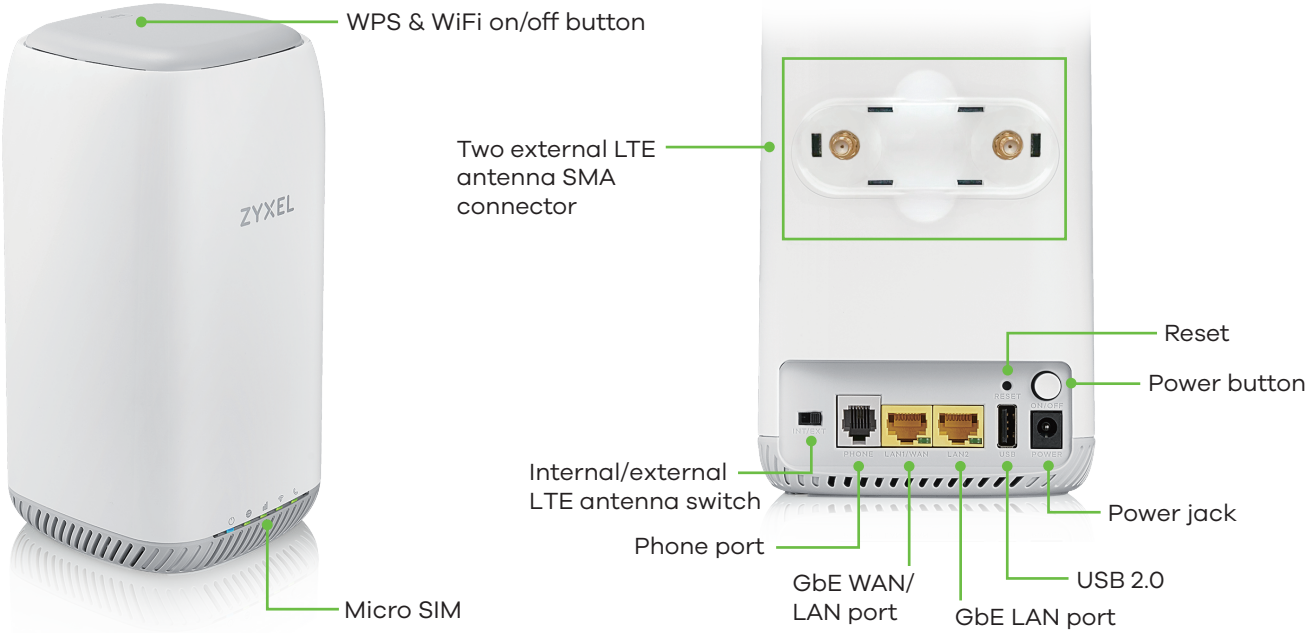
- Power adapter  
(12 V/2 A EU/US/UK plug)
- Ethernet cable
- Quick start guide
- Warranty card
- CE DoC
- Safety warning

\* The maximum wireless data transfer rate is derived from IEEE Standard 802.11 and 3GPP specifications close to AC2050. 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.

## Application diagram



# Hardware description



For more product information, visit us on the web at [www.zyxel.com](http://www.zyxel.com)

Copyright © 2023 Zyxel and/or its affiliates. All rights reserved.  
All specifications are subject to change without notice.

