ZYXEL
NETWORKS

LTE5388-M804
4G LTE-A Indoor Router

The Zyxel 4G LTE-A indoor router (LTE5388-M804) is perfect for locations without access to a stable wired network but within mobile internet coverage. Delivers continuous fast and shareable LTE wireless anywhere you need. Equipped with dual-WAN failover, WALN AP, and LAN gateway, the LTE5388-M804 epitomized all essential functions into one box, and makes it a perfect internet solution for home, small/home-based businesses users. Simplify life by maximizing your network!

Benefits

Maximized network, simplified life

LTE5388-M804 combines WLAN AP, and LAN gateway functions into one box. Thanks to its easy-to-navigate interface and minimalist look, the LTE5388-M804 helps make your life easier!

Wireless freedom

Installing cable internet is not cost/time-effective at all. LTE5388-M804 can liberate you from cable installation with 4G LTE wireless technology for any location with poor wired connection. No matter if you already have a router or not, it is able to operate both in bridge and router mode, making the device easy to deploy and integrate into your existing environment.

Ultra-high Speed
Cat.12 4G LTE-A connections for downlink rates of up to 600 Mbps

Strong 4G LTE/3G Signal
High-gain 4x4 MIMO built-in antenna + 2 external antenna ports

Sharable WiFi
2.4/5GHz dual concurrent WiFi sharing with up to 64 devices

Dual-WAN Failover Function
Connection failover between both WAN interfaces

Easy management
Enjoy easy-to-use management experience through free app

Datasheet LTE5388-M804

Exceptional network performance

Equipped with Cat.12, the highest-level 4G LTE-A technology, connections for downlink speeds can go up to 600 Mbps through 3-band carrier aggregation and built-in 4x4 MIMO high-performance antennas. Even better, it embeds two external LTE antenna ports, which can boost your signal reception. Enjoy fast mobile internet.

Seamless connectivity

"Dual-WAN failover" function allows you to configure LTE as a backup when the performance of your main wired connection drops or set LTE as your main connection and the LAN port as a recovery WAN to keep a reliable network connection.
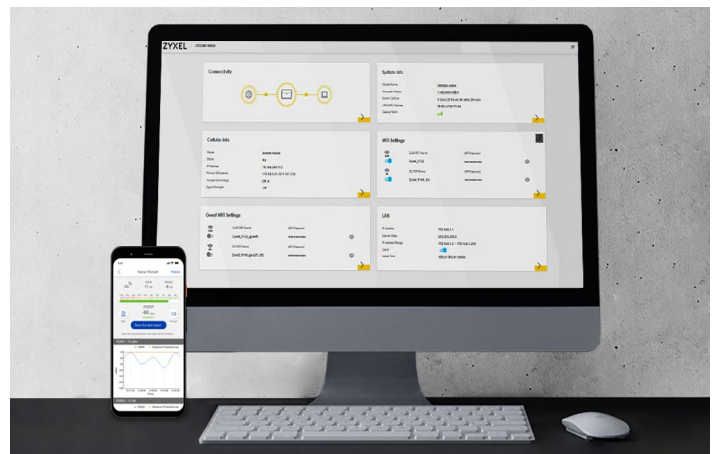

Custom internet environment for you

LTE5388-M804 employs 2.4/5GHz dual concurrent WiFi. Share your WiFi with up to 64 WiFi devices simultaneously. Connect it with a powerful security gateway, switches, NAS servers or other devices to cater your business or family network needs throughout the day.
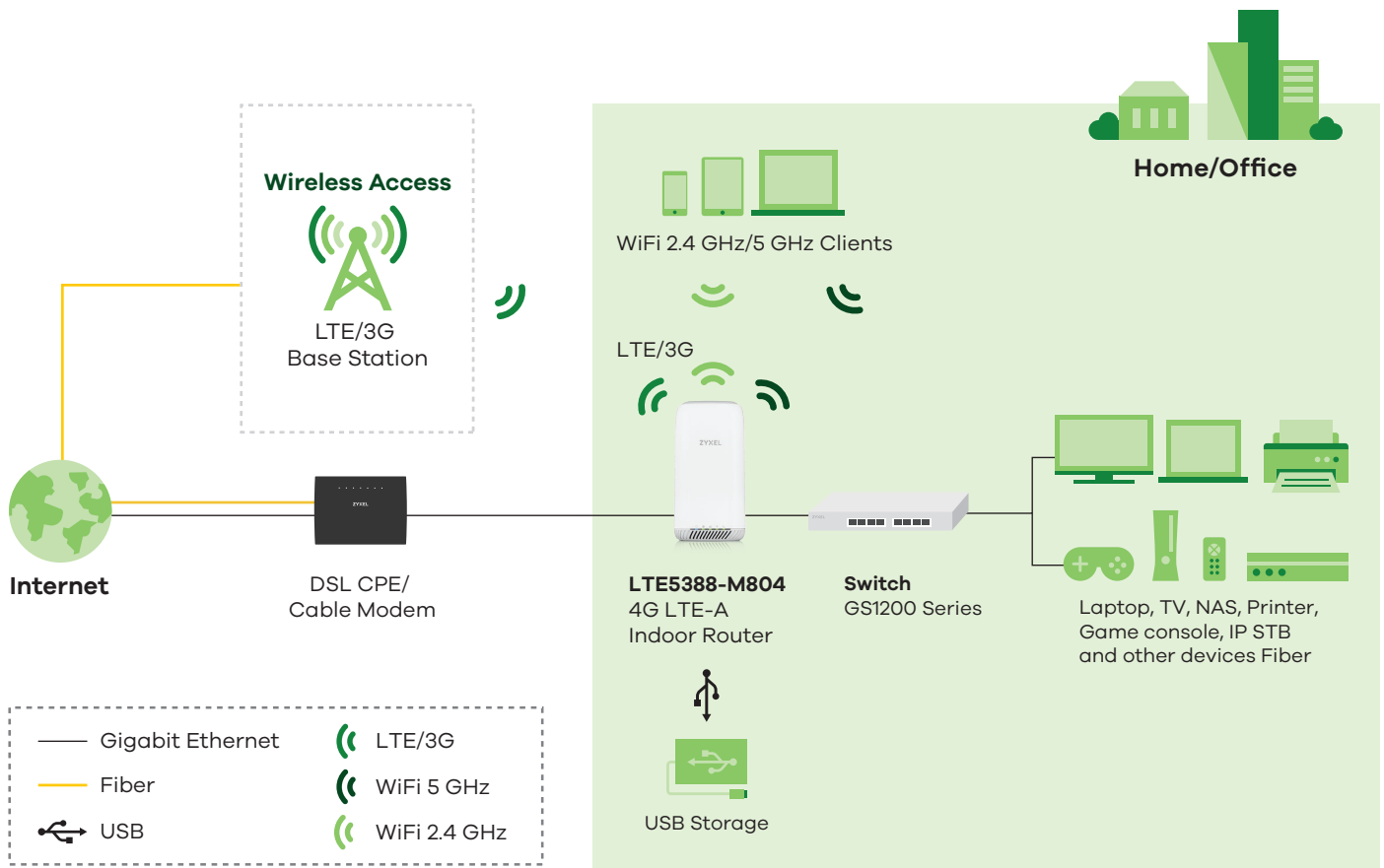

HOME   WORK

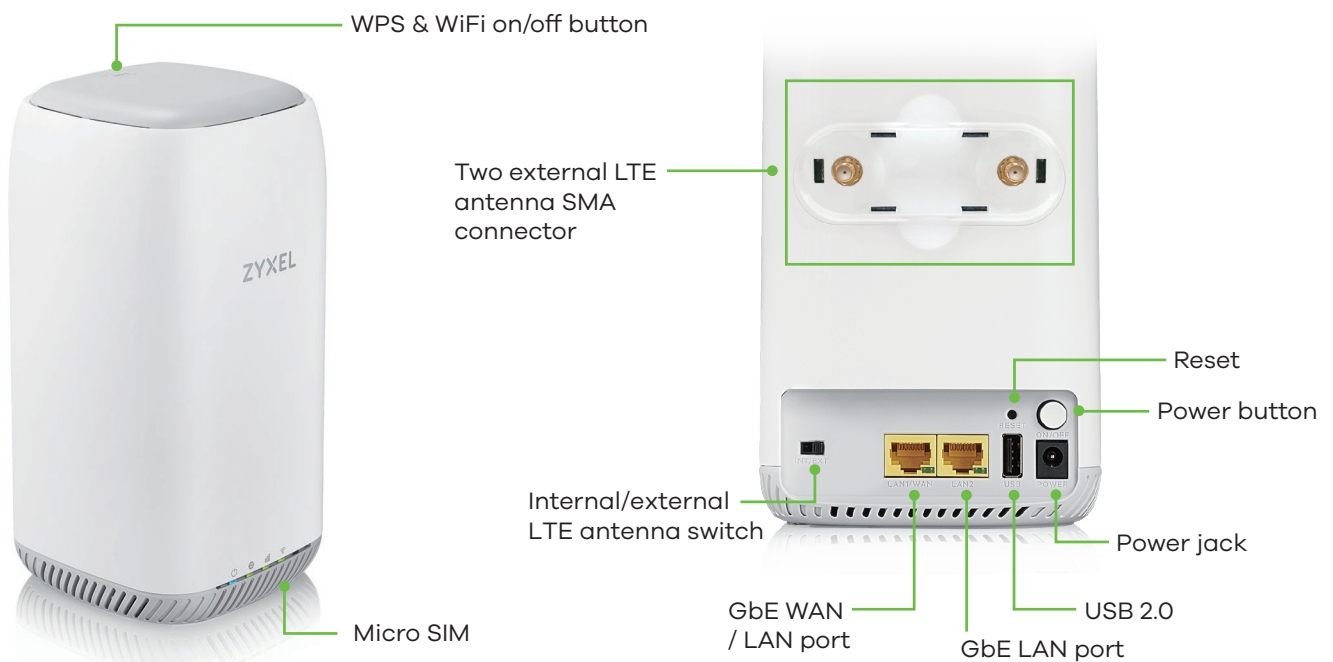## Simple design, easy management

LTE5388-M804 is designed with elegance and space-saving style. Its intuitive user-friendly web interface, plug-and-play capability, free "Zyxel Air" app and website GUI features, all of them offer an enjoyable, easy-to-use management experience through either a mobile device or desktop.

Application Diagram

Wireless Access

LTE/3G
Base Station

Internet

DSL CPE/
Cable Modem

WiFi 2.4 GHz/5 GHz Clients

LTE/3G

LTE5388-M804
4G LTE-A
Indoor Router

Switch
GS1200 Series

Home/Office

Laptop, TV, NAS, Printer,
Game console, IP STB
and other devices Fiber

USB Storage

—— Gigabit Ethernet		((LTE/3G	
—— Fiber		((WiFi 5 GHz	
USB		((WiFi 2.4 GHz	

Interface Description

WPS & WiFi on/off button

Two external LTE
antenna SMA
connector

Reset

Power button

Internal/external
LTE antenna switch

Power jack

GbE WAN
/ LAN port

USB 2.0

GbE LAN port

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Micro SIM

Specifications

System Specifications

IP Networking
- Cellular and Ethernet WAN failover and failback
- Support 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 mode (IP pass through)
- Primary WAN/secondary WAN management

WLAN Feature
- Auto channel selection
- WiFi Protected Setup (WPS)
- WiFi Multimedia (WMM)
- Security: none, WPA2-Personal, WPA+WPA2
- MAC address filtering with 64 address supported
- Multiple SSIDs/Hidden SSIDs
- WLAN scheduling

Management
- APN management
- SIM PIN/PUK management
- SMS management
- Secure remote management via TR-069/Web GUI
- Network selection
- Operating frequency band selection

Hardware Specifications

LTE Air Interface
- Standard-compliant: 3GPP Release 12 Cat. 12
- Support LTE band :
  - LTE FDD: B1/B3/B5/B7/B8/B20/B28
  - LTE TDD: B38/40/41
    - DL Carrier-aggregation up to 3 (more detail information please contact with local sales)
- Peak data rate:
  - 600 Mbps DL within 40 MHz bandwidth (CA)
  - 100 Mbps UL within 40 MHz bandwidth (Intra-band CA)

UMTS Air Interface
- Standard compliant: WCDMA band B1/3/5/8

- Supported frequency:
  - HSPA+/UMTS 2100/1800/900/850 MHz (band 1/3/5/8)
  - WCDMA : 2100/1800/900/850 MHz
  - HSPA+ downlink data rate up to 42 Mbps.
  - HSUPA uplink data rate up to 5.76 Mbps.

WiFi Air Interface
- Wireless standard (concurrent)
  - IEEE802.11 b/g/n, 2.4 GHz
  - IEEE802.11 a/n/ac, 5 GHz
- Wireless speed:
  - 300 Mbps* for 2.4 GHz
  - 1733 Mbps* for 5 GHz
- WiFi 2.4 GHz antenna: 2x2 internal antennas up to 3 dBi
- WiFi 5 GHz antenna: 2x2 internal antennas up to 5 dBi

Hardware Interface
- Two GbE RJ-45 LAN ports. LAN1 can be configured as Ethernet WAN port
- LEDs
  - from left to right on the panel
  - Power/USB (green/blue)
  - Internet (green)
  - LTE strength (green/red/orange)
  - WiFi/WPS (green)
- One WPS & WiFi on/off button
- One 3FF micro SIM card socket
- One reset to default button
- One power on/off button
- One DC power jack
- One USB 2.0 host port
- Two external LTE/3G antenna 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.)

Environmental Specifications

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:
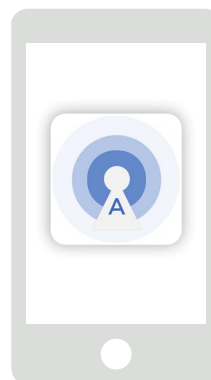 5% to 95% (Non-condensing)

Certifications
- CE
- WEEE (Waste Electrical and Electronic Equipment) Directive certification
- RoHS (Restriction of Hazardous Substances) Directive certification
- HSF (Hazardous Substance Free)
- European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

Package Contents
- Power adapter (12 V/2 A EU/US/UK plug)
- Ethernet cable
- RJ11 cable
- Quick start guide
- Warranty card
- CE DoC
- Safety warning

* The maximum wireless data transfer rate is derived from IEEE Standard 802.11 specifications. 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.

Zyxel Air App

Zyxel Air

Available on the iPhone App Store

GET IT ON Google Play

23/11/21

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