



Quick Sales Guide

LTE



Introduction

The evolution of mobile broadband has been changing people's behavior on the Internet – no matter they're at home or in the office. People nowadays get used to stay connected with the Internet anytime, anywhere to look for information, receive pushed email or play games.

ZyXEL Communications, a world-class networking company that excels in providing innovative, reliable CPE solutions for telecommunications service providers, is now introducing various mobile broadband solutions that integrate its knowledge and experience with 3G/4G RF capabilities to lead the world to enter the smart broadband era.

To go beyond traditional wired broadband access, ZyXEL mobile broadband solutions have been designed to provide seamless wireless experience for home and business users to stay connected with the world. The evolution of all-IP wireless networks also opens the door for operators and service providers to enhance the existing services as well as to introduce rich, innovative multimedia services.



Benefits

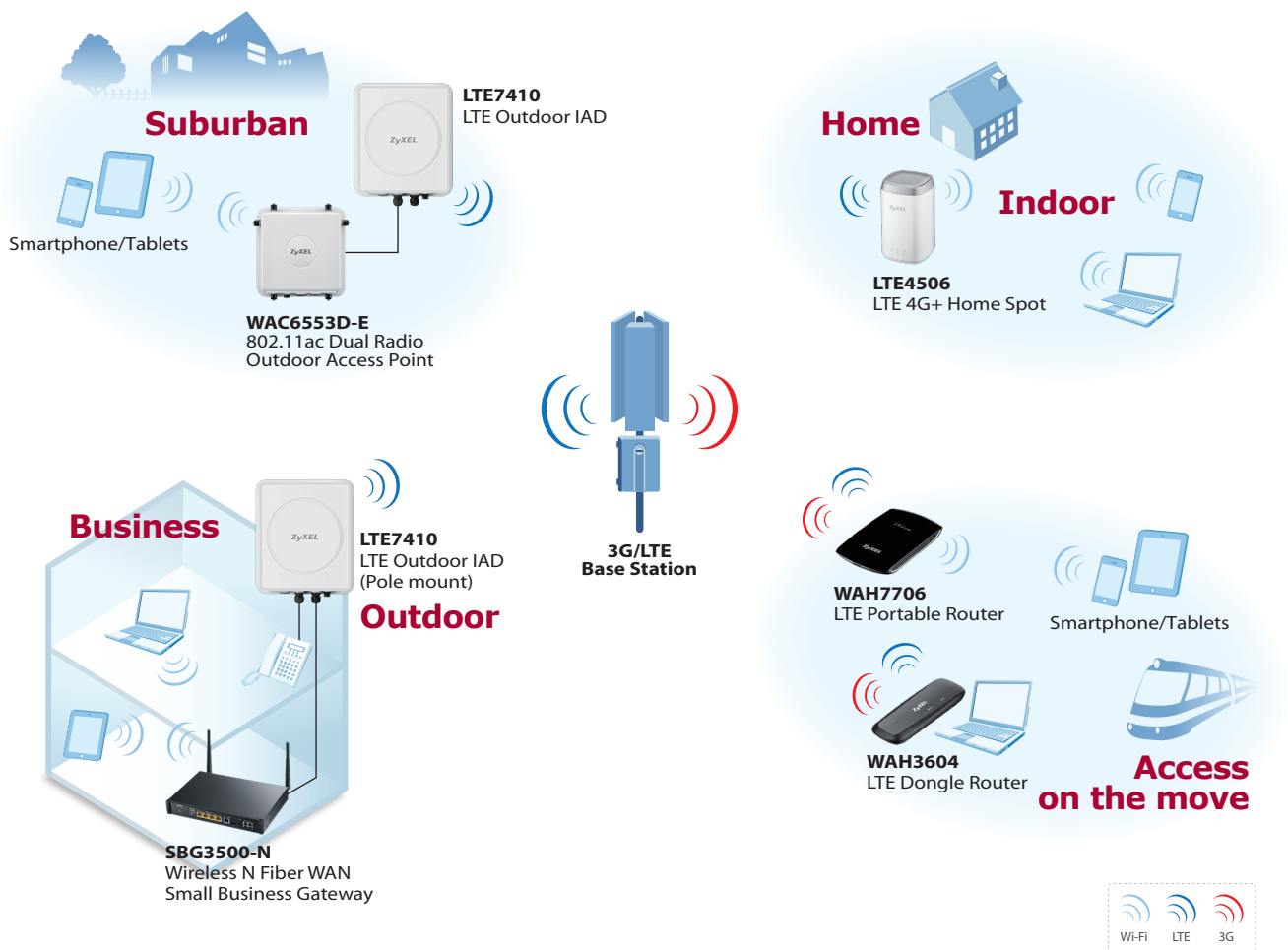
Multiple-mode and Multiple-band Support with Extensive Network Coverage

With the multiple-mode design, the ZyXEL 4G LTE Router Series can not only connect to 4G LTE networks, but also fall back to the 3G or 2G mode where 4G LTE network is not yet available; so operators and service providers are able to offer services with broad coverage during the transition stage. The ZyXEL 4G LTE Router Series supports multiple LTE frequency bands, including the most popular ones utilized by operators worldwide. The modular design of LTE interface in CPE offers the flexibility to support different frequency bands required by different operators.

Embedded Bridge/Router Mode Makes LTE Adaptive to All Kinds of Devices/Gateways

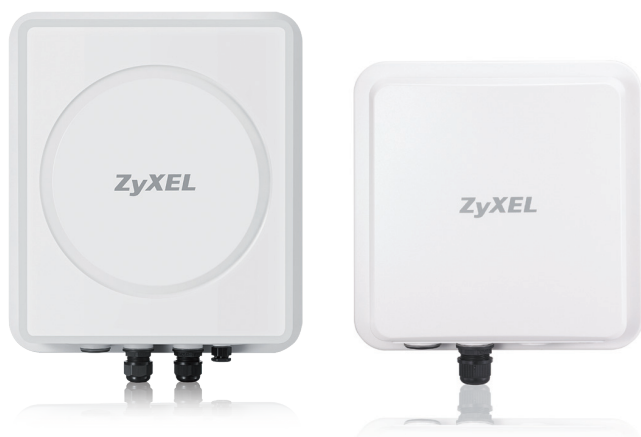
In vision of network integration, ZyXEL embeds both bridge and router modes into indoor and outdoor router series. Users can take advantage of the built-in routing functions in all typical applications, while the bridge mode is designed to work with users' existing or preferred device such as high-end Wi-Fi Access Points, Small Business Gateways or Enterprise Gateways. With the two built-in modes, ZyXEL LTE routers can be integrated into all kinds of devices/gateways.

Mobile Broadband Network



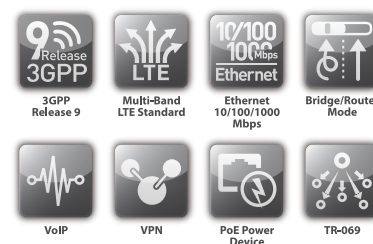
Mobile Broadband Product Portfolio

LTE Outdoor CPE	LTE7410 LTE Outdoor IAD	LTE7400 LTE Outdoor CPE	
LTE Indoor CPE	LTE4506 LTE 4G+ Home Spot	LTE3301 LTE Indoor Router	LTE3311 LTE Indoor IAD
LTE Portable Devices	WAH7706 LTE Portable Router	WAH3604 LTE Dongle Router	WAH1604 LTE Dongle
3G Portable Devices	WAH7003 3G Portable Router	WAH3004 3G Dongle Router	WAH1004 3G Dongle



LTE7410/LTE7400

LTE Outdoor IAD/LTE Outdoor CPE



Expand Mobile Broadband Coverage for Suburban Deployment

- 3GPP release 9 category 4 with data rates of up to 112/10 Mbps (LTE7400) and 150/50 Mbps (LTE7410)
- LTE multi-band design TDD B42/B43 (LTE7400) and FDD B3/7/20 (LTE7410)
- IP65 (LTE7400) and IP67 (LTE7410) robust mechanical design for harsh environments
- SIP-based VoIP communications (LTE7400 VoIP port is optional)
- Supports bridge or router mode
- L2TP, GRE VPN with site-to-site tunneling capability
- PoE interface powered by indoor unit or PoE injector
- Remote management through TR-069



LTE4506

LTE 4G+ Home Spot



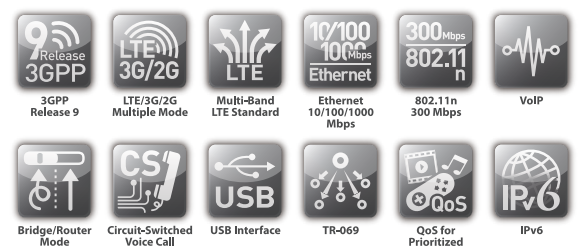
Lightning-fast Internet Connectivity for Home Network

- LTE CAT6, 40 MHz Carrier Aggregation of up to 300 Mbps downlink speed
- Supports 802.11ac/802.11n dual band 2x2 Wi-Fi with two simultaneous SSIDs
- Multi-mode, multi-band design LTE FDD/TDD B1/3/7/8/20/28/40
- Carrier aggregation support B3+B20/B3+B7/B3+8/B7+B20/B40+B40/B3+B3/B7+B7/B3+B28/B7+B28
- Supports 32 simultaneous Wi-Fi clients
- DC 5 V input with MicroUSB connector
- Gigabit LAN port for desktop devices
- SMS management/phone book
- One-touch Wi-Fi sharing



LTE3311/LTE3301

LTE Indoor IAD/LTE Indoor Router



Evolved Design Enabling Innovative Indoor Network Services

- 3GPP release 9 category 4 with data rates of up to 150/50 Mbps (DL/UL)
- Supports single- (LTE) or multiple-mode (LTE/3G/2G)
- Multiple-band is supported and varied by countries
- Supports bridge or router mode
- Wi-Fi in-LAN service with up to 300 Mbps
- SIP-based VoIP communications and CS-voice supported (LTE3311)
- Remote management through TR-069
- IPv4/IPv6 dual stacks



WAH7706

LTE Portable Router



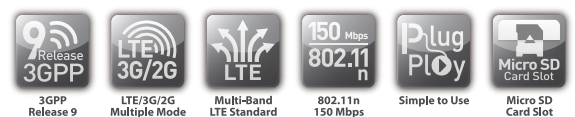
Enjoy Lightning-fast Internet Whenever You Want

- Plug-and-play design
- 3GPP release 10 category 6 with data rates of up to 300/50 Mbps (DL/UL)
- Multi-mode, multi-band design LTE FDD B1/3/7/8/20/28/38, 3G B1/B8 (DC-HSPA+), 2G B3/B8
- Carrier aggregation support: B3+B20/B3+B7/B3+B28/B7+B20/B38+B38/B3+B3/B7+B7/B7+B28
- Supports 802.11ac/802.11n dual band 2x2 Wi-Fi with two simultaneous SSIDs
- Supports 32 simultaneous Wi-Fi clients
- 0.96" OLED LCD display with device status information
- Micro SD card slot for additional memory of up to 32 GB



WAH3604/WAH1604

LTE Dongle Router/LTE Dongle



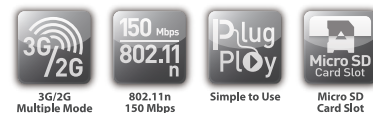
High-speed Internet in a Minute

- Plug-and-play design
- 3GPP release 9 category 4 with data rates of up to 150/50 Mbps (DL/UL)
- Multi-mode, multi-band design LTE FDD B3/7/20, 3G B1/B8 (DC-HSPA+), 2G quad bands
- Supports 10 simultaneous Wi-Fi clients (WAH3604)
- Micro SD card slot for additional memory of up to 32 GB
- SMS management
- Phone book (WAH1604)



WAH7003

3G Portable Router



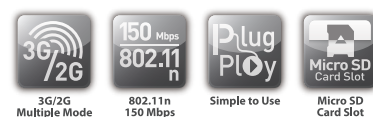
Enjoying Mobile Broadband Anytime, Anywhere

- Plug-and-play design
- 3GPP HSPA+/HSPA compliance with data rates of up to 21/14.4 Mbps DL and 5.76 Mbps UL
- 3G/2G dual-mode supporting 3G band 1/8 and 2G quad bands
- Supports 10 simultaneous Wi-Fi clients
- 0.9" OLED LCD display with device status information
- Micro SD card slot for additional memory of up to 32 GB



WAH3004/WAH1004

3G Dongle Router/3G Dongle



Portable Internet that Keeps You Always Connected

- Plug-and-play design
- 3GPP HSPA+/HSPA compliant, data rates of up to 21/14.4 Mbps DL and 5.76 Mbps UL
- 3G/2G dual-mode supporting 3G band 1 and 2G band 3/8 (WAH3004); 3G band 1/8 and 2G quad bands (WAH1004)
- Supports 10 simultaneous Wi-Fi clients (WAH3004)
- Micro SD card slot for additional memory of up to 32 GB
- SMS management
- Phone book (WAH1004)

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