



G5TS

5G Indoor CPE

G5TS is the excellent entry-level model of the ZTE 5th-generation 5G wireless router series. It supports 5G NR Rel.16 technologies, and provides Wi-Fi6, four gigabit network interfaces. It integrates all indoor terminal functions required for 5G FWA service deployment, so that consumers can enjoy incredible new experience in 5G AR, cloud games, and 4K videos.

Benefits

Ultra-high-speed Internet connection

With its compact single-chip architecture, G5TS achieves ultra-high performance-to-cost ratio, with a 5G NR download rate of 2.86Gbps, and Wi-Fi 6 downlink rate of AX1500, demonstrating the ultra-high rate and ultra-low latency of 5G networks end to end.

Rich combinations to exploit the potential of spectrum

G5TS supports global mainstream 3G/4G/5G frequency bands and combinations of multi-band ENDC, making full use of operators' existing spectrum resources, and providing users with high-speed, wide-coverage, and smooth-handover cellular network roaming experience.

Abundant management and configuration interfaces

The G5TS supports local configuration management based on WEBUI and mobile apps, and remote management based on the TR069 and MQTT protocols. This improves user experience and provides cost-effective, efficient, and reliable solutions for operators' requirements for FWA terminal deployment, firmware upgrade, and O&M.



5G NR SA&NSA
NR CA
Up to 2.86Gbps DL rate **



Network Signal Detection
and Position Suggestion



VPN Client and
VPN passthrough



Wi-Fi6 (11ax) AX1500
Wi-Fi auto Optimization



Parental Control
Time Management



Bridge Mode and
Cable Broadband

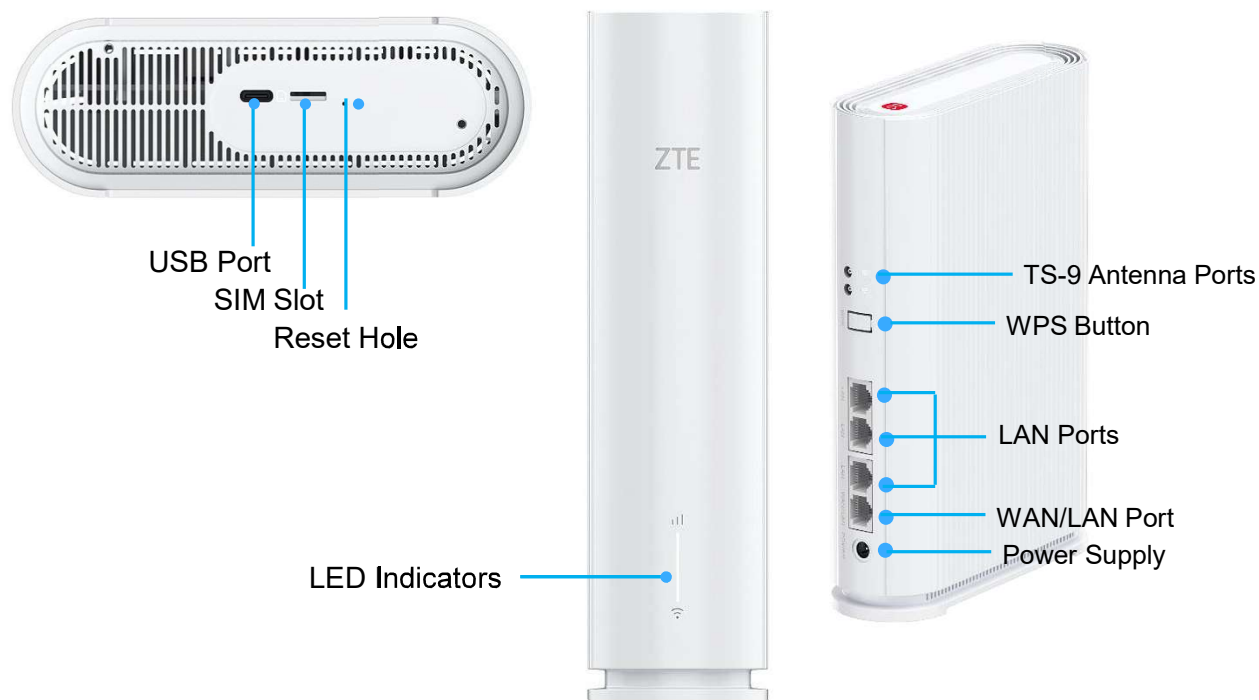


ZTE security and
stable FOTA



4 x RJ45 GE Ports

Interface Description



Specifications

Hardware specifications

5G NR Interface

- 3GPP Release 16
- Supports both NSA and SA modes
- Frequencies: n1/n20/n28/n3/n38/n40/n7/n75/n77/n78/n8
- 4 MIMO: n1/3/7/38/40/77/78

4G LTE Interface

- 3GPP DL Category6, UL Category6
- Frequencies: FDD: B1/B20/B28/B3/B32/B7/B8 TDD: B38/B40
- 4 MIMO: B1/3/7/38/40

UMTS Interface

- DC-HSDPA/HSPA+
- Frequencies: B1/8

Wi-Fi technology

- Wi-Fi6, 802.11b/g/n/a/ac/ax, 2.4G&5G
- MIMO: 5GHz 2MIMO, 2.4GHz 2MIMO
- Speed: AX1500
- Access number: up to 64

Speed**

- 5G ENDC(LTE FDD + Sub6G): DL 1.73Gbps, UL 130Mbps
- 5G SA: DL 2.86Gbps, UL 160Mbps
- LTE FDD: DL 300Mbps, UL 50Mbps
- LTE TDD: DL 220Mbps, UL 10Mbps

Interface

- RJ45: 4, 10Base-T /100Base-T /1000Base-T
- USB: 1, TypeC, Only for debug
- SIM slot: 4FF
- Reset hole to restore factory default
- WPS button to activate the PBC(Push Button Config) function
- TS-9: 2, External Antenna Ports

LED

- Wi-Fi: 1 LED (White)
- Network: 1 LED (White/Blue/Red)

Package contents

- AC Adapter: 12V/2A
- Ethernet cable
- Quick Start Guide

Maximum power consumption

- 20W

Antenna Gain

- 5G/4G/3G:
 - 700~960MHz: 1~1.5dBi
 - 1450~2700MHz: 2~2.5dBi
 - 3300~4200MHz: 4dBi
 - 4400~5000MHz: 4dBi

Certification

- CE, WEEE, ROHS, REACH, Wi-Fi

Software specifications

Device Mode

- Automatically mode (wireless or wire auto switch)
- Daul WAN
- Hybird mode (wireless and wired are used at same time)
- Wireless mode
- Bridge mode
- Cable Broadband Mode

Firewall

- Port Forwarding
- Port Filtering
- Port Mapping
- Domain Filtering
- MAC address Filtering
- Upnp
- DMZ
- Remote Access/Ping switch*

Device Managemnt

- Connected device Management
- SMS
- PIN/PUK management
- APN management
- Lock Frequency/Lock Cell
- TR069 with TR181 data model default
- Upgrade: FOTA / TR069*
- ZTE Smartlife APP
- Device can FOTA/TR069 on bridge mode
- PC/Phone/PAD WebUI management self-adaptation
- Multiple languages: Arabic, Chinese, Danish, English, Finnish, French, German, Italian, Norwegian, Portuguese, Portuguese (Brazil), Russian, Spanish, Spanish (Latin America), Swedish

Environment

- Operating temperature -20 to 55°C
- Storage temperature -40 to 70° C
- Humidity 5% to 95%

Artwork

- Dimensions: 200*150*52mm
- Weight: about 476g

Voice

- VoNR, VoLTE, CSFB, VoIP*

Wi-Fi

- Wi-Fi Switch
- Bandsteering
- Security mode: WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3-PSK, WPA2-PSK
- Wi-Fi Broadcast
- Auto channel selection
- WPS
- EasyMesh
- GuestSSID support
- Wi-Fi Sleep Mode

IP Networking & Routing

- IPv4/IPv6 dual stack (NDP IPv6)
- DHCP server
- VPN client: L2TP/PPTP/IPSec*\GRE*
- VPN pass-through(L2TP/PPTP/IPSec)
- NAT/NAPT
- Sip ALG
- Multiple APNs*

Special Feature

- Preferred Position: Can help user to find a good position
- Device Diagnosis will list all device running key status and give fix solution
- OpenWrt

* Optional customized software features.

** The maximum data rates is a theoretical value. The actual data rates depend on the network environment.

*** ZTE Lab test data.

For more product information, visit us on the web at <https://ztedevices.com>

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ZTE Smartlife APP

