ZTE



G5TS Pro

5G Indoor CPE

G5TS Pro 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, and full-voice services. 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 Pro achieves ultra-high performance-to-cost ratio, with a 5G NR download rate of 2.86Gbps**, and Wi-Fi6 downlink rate of AX3000**, demonstrating the ultra-high rate and ultra-low latency of 5G networks end to end.

Rich combinations to exploit the potential of spectrum

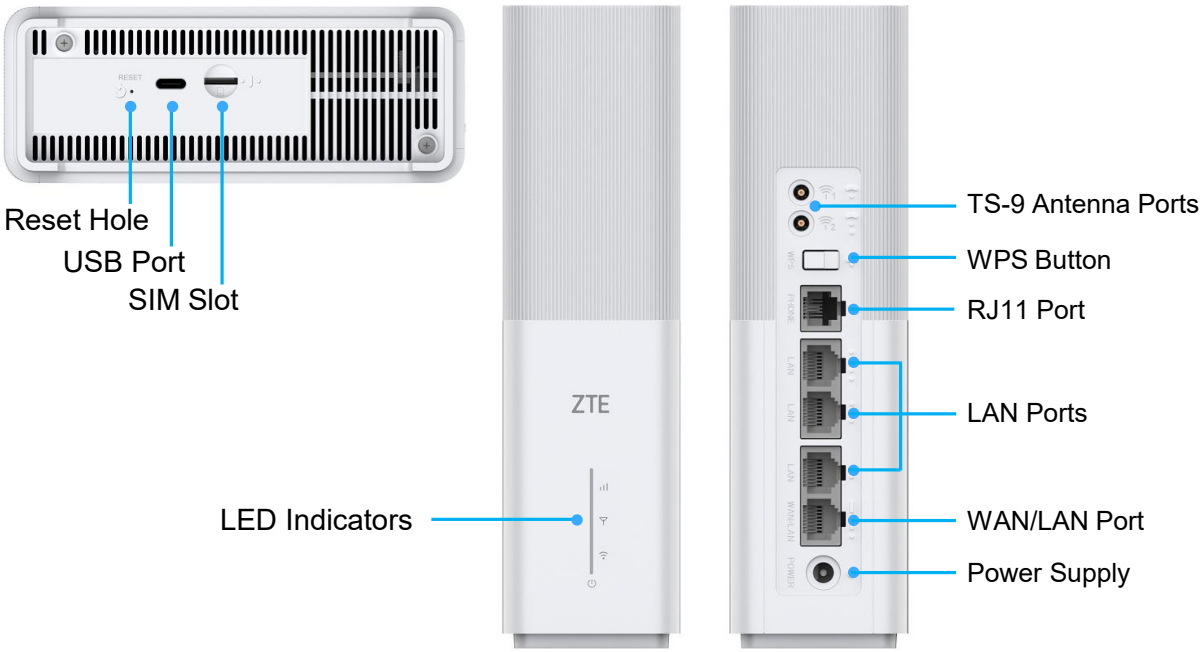
G5TS Pro supports global mainstream 3G/4G/5G frequency bands and combinations such as NR 2CC and multi-band ENDC, make full use of the existing spectrum resources of operators, and providing users with high-speed, wide-coverage, and smooth-handover cellular network roaming experience.

Abundant management and configuration interfaces

G5TS Pro 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 200MHz
  Up to 2.86Gbps DL rate**
- Network Signal Detection and Position Suggestion
- VPN Client and VPN passthrough
- Wi-Fi6 AX3000**
  Wi-Fi auto Optimization
- Parental Control
  Time Management
- VoNR/VoLTE or VoIP*
  RJ11 Port
- 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/n41/n7/n75/n77/n78/n8
• 4 MIMO: n1/3/7/38/40/41/77/78

4G LTE Interface

• 3GPP DL Category6, UL Category5
• Frequencies:
FDD: B1/B2/B20/B28/B3/B32/B4/B7/B8
TDD: B38/B40/B41
• 4 MIMO: B1/3/7/38/40/41

UMTS Interface

• DC-HSDPA/HSPA+
• Frequencies: B1/8

Wi-Fi technology

• Wi-Fi6, 802.11 b/g/n/a/ac/ax, 2.4G&5G
• MIMO: 2*2 for 2.4G&5G
• Speed: AX3000**
• Access number: 5GHz up to 32, 2.4GHz up to 32

Maximum power consumption

• About 16W

Speed**

• 5G ENDC(LTE FDD + Sub6G): DL 1.73Gbps, UL 130Mbps
• 5G SA: DL 2.86Gbps,UL 160Mbps
• LTE FDD:DL 300Mbps,UL 75Mbps
• LTE TDD:DL 220Mbps,UL 15Mbps

Interface

• RJ45: 4, 10Base-T /100Base-T /1000Base-T
• RJ11: 1, Voice services
• 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

• Power / Wi-Fi: 1 LED (White)
• Network: 1 LED (White/Blue/Red)
• Singal Strength: 1 LED (White/Blue/Red)

Package contents

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

Antenna Gain

• 5G/4G/3G:
  700~960MHz: up to 1.5dBi
  1450~2700MHz: up to 2.5dBi
  3300~4200MHz: up to 4dBi

Certification

• CE, WEEE, ROHS, REACH, Wi-Fi

Environment

• Operating temperature 0 to 40℃
• Storage temperature -40 to 70℃
• Humidity 5% to 95% (Non-condensing)

Artwork

• Dimensions: 187.5*135*52mm
• Weight: TBD

Software specfications

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
• Upgrade: FOTA
• ZTE Smartlife APP
• 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

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
• WiFi Isolation
• 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
• NFC*： Andriod phone touch can access the Router WiFi
• Device Diagnosis will list all device running key status and give fix solution
• OpenWrt

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

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

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ZTE Smartlife APP