ZLT T30 PLUS-B

PRODUCT SPECIFICATION

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JUVIN GLOBAL DE MÉXICO S.A.DE C.V
https://chilecalientek.com

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Update Records

Date	Version	Edition	Revised by
2024.04.28	V1.0.0	The first Version	Author
2024.09.13	V1.0.1	Update the parameter	Wu Xi
2024.11.26	V1.0.2	Update the Wi-Fi Concurrent Users	Wu Xi

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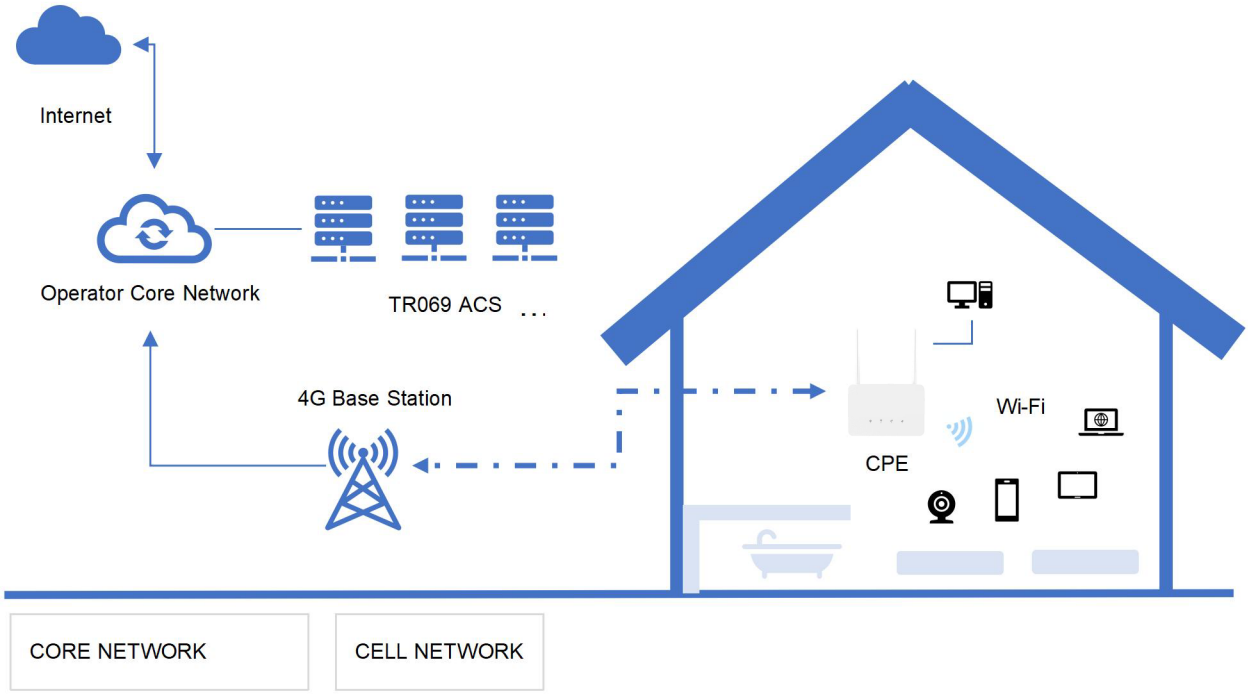
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Product Overview

Brief Introduction

ZLT T30 PLUS-B is a 4G CPE with TYPE-C interface, supports 2G/3G/4G communication and converts wireless network data into Wi-Fi signals. The device supports single frequency 40MHz bandwidth and 2.4G Wi-Fi 4, supports NAT, DHCP, firewall and VPN function.

ZLT T30 PLUS-B is suitable for various scenarios such as homes, small shops, and personal applications that require mobile Internet access, and provides users with reliable and high-speed 4G wireless broadband network access.



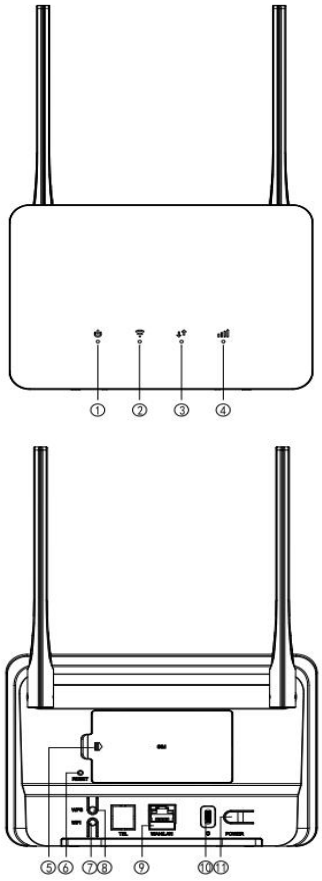
Typical Application Diagram

Appearance



Dimensions：180 * 125 * 26.3 mm

Interface



1	Power Indicator
2	Wi-Fi Indicator
3	Data Indicator
4	Signal Indicator
5	Battery Warehouse、SIM Card Slot
6	Reset Button
7	Wi-Fi Switch Button
8	WPS Button
9	Ethernet Port
10	TYPE-C Power Supply Port
11	Power Switch Button

Product Features

Hardware Innovation

- Sanechips 4G chipset, comprehensive coverage of multiple network systems
- 4G universal frequency band design, supporting global mainstream 4G frequency bands (see hardware specifications for details)
- Support LTE up to 50Mbps uplink and 150Mbps downlink rates
- Support 2.4G Wi-Fi 4 design ,40MHz bandwidth
- Support 2500/3000 mAh large capacity lithium battery
- Support TYPE-C interface power supply design
- Support RNDIS USB network port
- Support 1* 100M network port

Software Innovation

- Support IPv6/IPv4, TCP/IP, UDP, HTTP and other network protocols
- Support SMS function
- Support multi-SSID
- Support multi-APN management
- Support traffic statistics function
- Support for TR069 platform management
- Support PIN/PUK management

Hardware Specification

Basic

Feature	Description
Chipset	ZX297520V3E+ZX234230A+RTL8201F/JL1101
Cellular Network Mode	TDD-LTE/FDD-LTE/HSPA+/GSM
LED	Internet Status, Wi-Fi Status,Signal status, Power light
Button	Power Switch Button, RESET Button,WPS Button,Wi-Fi Button
Interface	RJ45 Port * 1 SIM Slot * 1 (4FF) TYPE_C power supply
Ethernet LAN	1*100 Mbps
SIM	1*SIM (4FF, Nano SIM) Support 1.8V & 3.0V, eSIM circuit is reserved
Antenna	2*Wi-Fi antenna(built-in) 2*LTE antenna(built-out)
Dimensions	180 * 125 * 26.3 mm
Weight	265g
Power Consumption	< 10W
Power Supply	TYPE-C 5V/2A、3.7V battery
Operating Temperature	0℃--45℃
Storage Temperature	-20℃--65℃

TDD-LTE/FDD-LTE/WCDMA

Feature	Description
3GPP Release	LTE: 3GPP Release 9
Support Bands	FDD Band :B1/3/5/7/8/20(28) TDD Band :B38/B40/B41 UMTS：B1/5/8 GSM:850/900/1800MHz （Could be customized）
LTE Category	DL CAT4, UL CAT4
LTE Modulation	DL 64QAM, UL 16QAM
LTE CA	N/A
LTE MIMO	LTE DL 2 × 2 MIMO：B1/B3/B5/B7/B8/B20/B28/B38/B40/B41
TDD/FDD LTE Peak Throughput:	DL: 150Mbps UL: 50Mbps
Output Power@25℃	23±2 dBm
Antenna Gain	1-5 dBi

Wi-Fi Features

Feature	Description
Wi-Fi Frequency	2.4 GHz
Wi-Fi Mode	2.4G：802.11b/g/n
Wi-Fi Encryption Method	Open, WPA2-PSK and WPA/WPA2-PSK
Wi-Fi Output Power@25℃	18 dBm/2.4G
Wi-Fi Antenna	2* 2.4G Antenna(built-in)
Wi-Fi Antenna Gain	3 dBi/2.4G

Wi-Fi Channel BW	20MHz, 40MHz
Wi-Fi MIMO	MIMO 2*2 (2T2R)
Peak Throughput	300Mbps@2.4G
Wi-Fi Concurrent Users	16
Wi-Fi Management Function	The user can turn on/off the wireless LAN function through the web interface Support SSID broadcast on/off Support Web UI configuration channel, rate and mode Support Wi-Fi channel adaptation and selection

Software Specification

Basic

Feature	Description
Language	Simplified Chinese
	English
	Could be customized
Https/Http	Support https/http
Account Management	Support administrator and user management of dual accounts, presenting different interfaces and content.
SIM Card Management	Support PIN code management
Diagnosis	Support the export of device running logs
Status Display	Network connection status, signal strength, network type, operator name, SIM card status
IPV6	IPv6/IPv4 dual stack
Lock Cell	Support lock cell
Lock SIM	Support SIM card locking
Routing Mode	Support NAT function

Routing Protocol	Support static routing
DMZ	Support DMZ function
DHCP Service	Support DHCP
DNS	Support setting automatic DNS and manual DNS
Firewall	Support firewall

Device Management

Feature	Description
Software Upgrade	Full image update Web GUI update TR069 update
TR069	Support HTTP/HTTPS ACS Support upload/download the ACS specified file Support download configuration file Support configure & queries parameters Support remote upgrade Support cycle monitor
System Log	Support system log function and support exporting logs to PC
Diagnosis	Support Ping / Trace route /TCPDUMP

Firewall

Description
Allow HTTPs login from WAN
HTTPs login port from WAN
Support DMZ IP address
Support IP address filter/ IP + Port filter
Support MAC address filter
Support URL filter
Support UPnP
Support port mapping
Support port filtering
Support speed limit

Selection Guide

Model	SLIC	Battery		Antenna type	Nameplate display
		2500mAh	3000mAh		
T30 PRO	√	Default	Optional	4*built-out	Model:T30 PRO,SN:T30PRO+IMEI
T30 PLUS		Default	Optional	4*built-out	Model:T30 PLUS,SN:T3OPLUS+IMEI
T30 PRO-A	√	Default	Optional	4*built-in	Model:T30 PRO-A,SN:T30PROA+IMEI
T30 PLUS-A		Default	Optional	4*built-in	Model:T30 PLUS-A,SN:T3OPLUSA+IMEI
T30 PRO-B	√	Default	Optional	2*LTE built-out 2*Wi-Fi built-in	Model:T30 PRO-B,SN:T30PROB+IMMEI
T30 PLUS-B		Default	Optional	2*LTE built-out 2*Wi-Fi built-in	Model:T30 PLUS-B,SN:T30PLUSB+IMEI

Accessories

Feature	Spec	Description
Instructions	N/A	x 1
Power Adapter	5V/2A, Type-C port	x 1
Battery	2500/3000 mAh	x 1