

# LTE MiFi Hotspot



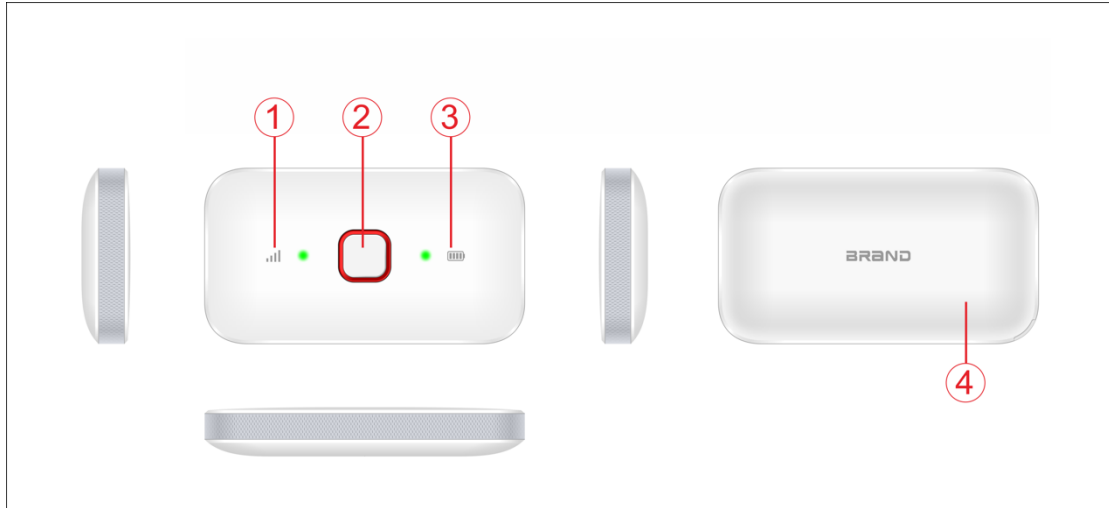
## Product Features

- Support TDD-LTE, FDD-LTE
- Support 3GPP Release 9 compliant
- Support 1TX/2RX
- Support UE Category 4
- Support QoS service flow initiated by CPE
- Support Dynamic Host Configuration Protocol
- Support Built-in web server for web-based configuration
- Support Password protected access and configuration
- Support IEEE 802.3,
- Support USIM Slot

## General Specification

No.	Feature	Description	Comments
	LTE BB ASIC	ZX297520V3T	
	LTE RF ASIC	ZX234220A1	
	Flash	1Gb	
	SDRAM	256Mb	
	WIFI	RTL8189ES	Realtek
	LED Indicators	INTERNET, POWER, WIFI(Optional), MESSAGE(Optional)	
	Button	Reset, Power On	
	Power supply	Input: 5V/1A	

## ID Design



1	INTERNET LED	2	POWER ON KEY
3	POWER LED	4	RESET KEY(Behind battery cover)
5	USB		

Physical Size	Description
Size	110x60x16.8(mm)
Weight	reserve

## Unit Interface

Connector	Description
Micro USB	The Power supply to MIFI
USIM Slot	Support standard 1.8V /3.0V
BATTERY	Support LI-battery:3.7V/2000mAh
LED	INTERNET LED, POWER LED

## Radio Specification

No.	Feature	Capability				Comments
		min	type	max	Units	
1	Supported Bands	BAND1/2/3/4/5/7/8/20(28)/38/40/41				Customization
2	Channel Band Width	1.4/5/10/15/20			MHz	
3	Channel Step Size	100			kHz	
4	Output Power optional		22		dBm	
5	Modulation	UP: QPSK/16QAM				
6		DOWN :QPSK/16QAM/64QAM				

## Environmental Specification

No.	Feature	Capability				Comments
		min	type	max	units	
1	Operating temperature	0		45	°C	
2	Storage temperature	-20		85	°C	
3	Operating humidity	5		95	%	
4	Storage humidity	5		95	%	

## Regulatory Specification

No.	Feature	Requirement Specification	Comments
1	Radio	CE	Follow CE regulatory
2	Safety	CE	Follow CE regulatory
3	EMC	CE	Follow CE regulatory

## Reliability Specification

No.	Feature	Requirement Specification	Comments
	MTBF	300,000 @ 55 °C	

## LTE Networking Security

No	Feature	Status	Comments
1	User Name/Password configuration	Ready	
2	Firewall	Ready	
3	Port Forwarding	Ready	
4	DMZ	Ready	

## WiFi Specification

No	Feature	Status	Comments
1	Network Name (SSID)	Ready	
2	SSID Broadcast Enable	Ready	
3	802.11 Mode selection	Ready	
	<ul style="list-style-type: none"> <li>● 802.11b</li> </ul>	Ready	
	<ul style="list-style-type: none"> <li>● 802.11g</li> </ul>	Ready	
	<ul style="list-style-type: none"> <li>● 802.11n – 20MHz 802.11n-40MHz</li> </ul>	Ready	
	<ul style="list-style-type: none"> <li>● 802.11b+g+n mode – This is the Factory Default option</li> </ul>	Ready	
4	Security	Ready	
	<ul style="list-style-type: none"> <li>● Open (Unsecured)</li> </ul>	Ready	
	<ul style="list-style-type: none"> <li>● WPA Personal / PSK (TKIP) – ASCII string, 8 to 63 characters in length</li> </ul>	Ready	
	<ul style="list-style-type: none"> <li>● WPA Personal / PSK (AES) – ASCII string, 8 to 63 characters in length</li> </ul>	Ready	

## System/Debug Utility

No	Feature	Status	Comments
1	Software reset button	Ready	
2	LED for LTE Link Diagnostic	Ready	
3	System log	Ready	
4	Multi language	Ready	