



[Shenzhen Zhibotong Electronics Co.,Ltd.](#)

# ZBT-WE1026-5G

Mode: ZBT-WE1026-5G

Description: 1200M wireless router for vehicle

Version: V1.0

## 1. Photos:





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## 2.Description:

WE1026-5G is dual band 3G/4G WiFi router (3G / 4G gateway) specially for Vehicle use. It has 1 WAN,1 LAN, support 802.11 a/b/g/n/a/ac and 3G /4G. This device has Wide Area Network VPN tunnel, Local Area Network WiFi security authentication, 4G / 3G / and watchdog functions etc., to achieve wireless LAN and wireless WAN seamless connection, automatic network redial to provide users with high-speed, secure, reliable mobile broadband services, while supporting 4G / 3G SIM card of Mobile, China Unicom and also Provides a USB 2.0 data interface, a MICRO SD (TF) card interface, with larger storage function.

This device with metal case and vehicle anti-interference design, to achieve excellent anti-interference performance. Also it uses vehicle power supply design, support 9V~28V Car power supply,can effectively prevent equipment damage from vehicles' power fluctuations, it offers a wonderful solution for vehicle WiFi such as bus WiFi,car WiFi, train WiFi, taxi WiFi etc. This device also widely used in WIFI coverage project like Bus station, the Airport, Sea port etc. At the same time, it is also widely used in scenic where WIFI coverage and other public places where WIFI coverage of the Internet.

## 3.Feature:

- ◆ Special for Vehicle use;
- ◆ Complies with 802.11b / g / n / a / ac. wireless protocol;
- ◆ Wireless Rate up to 1200Mbps;
- ◆ Support 4G / 3G watchdog function, automatic network redial.
- ◆ Can be dialed through an external USB interface (need to mount USB 3G, 4G network card)
  - ◆ Support GPS function (depending on 3,4g module)
  - ◆ Support to automotive power 12V and 24V systems, the minimum operating voltage is 9V, the maximum operating voltage is 28V. The maximum can be withstand 174V duration 150ms surge voltage, meet to 5a, 5b standard of the car protection.



## 4、Specification

Hardware	
Main Chipset	MT7620A+7612E/580Mhz
RAM	DDR2 128MB (Max 256MB)
FLASH	16MB (Max 16MB)
Antenna	7 external 5dbi OMNI antennas (4 for wifi antennas, 2 for 3/4g module antenna, 1 for GPS antenna, the details need according to customer requirements)
Interface	1* 10/100M Auto MDI/MDIX WAN
Button	Reset
LED	Power,WLAN,LAN,3G/4G,USB,5G.,
Power	Input 12V 1A
Dissipation	$\leq 15W$
Product Size	125.5*100.5*25mm
Wireless	
Protocol Standard	IEEE 802.11n、IEEE 802.11g、IEEE 802.11b;
Wireless Rate	2.4GHz, Up to 300Mbps,5.8GHz, Up to 900Mbps
Work Frequency	2.4G:2412 MHz-2484MHz(channel 1 -channel 14), 5.8G: 5725MHZ-5850M(channel: 149、153、157、161、165)
RF Output Power	802.11n 17 $\pm$ 1dBm;802.11g 17 $\pm$ 1dBm;802.11b 19 $\pm$ 1dBm; 802.11n 15dBm $\pm$ 2dBm 802.11a 20dBm $\pm$ 2dBm 802.11ac 20dBm $\pm$ 2dBm
Receive sensitivity	802.11b $\leq$ -76dBm;802.11g $\leq$ -65dBm
	802.11n(20M) $\leq$ -62dBm;802.11n(40M) $\leq$ -55dBm
	802.11a $\leq$ -64dBm, 802.11ac $\leq$ -59dBm
PPM	$\pm 10$
Distance	50 Meters
QTY of current users	64
Wi-Fi security	64/128/152 WEP
	WPA-PSK/WPA2-PSK,WPA/WPA2 Security system



Software	
Firmware	MTK SDK;OPENWRT.
Work Mode	AP;ROUTER;WDS;Bridge
WAN	PPPoE、Dynamic IP、Statics IP
DHCP	DHCP server; Client table; Statics IP ;
Virtual Server	Port transfer and store. DMZ
Security	Client Filter Mac Filter URL Filter Remote Website Management
DDNS	Support
QOS	Support
Statics IP	Support
Sys Log	Support
Style Change	Support
Others	
Work Environments	Operating Temperature: 0℃ ~ 40℃; Storage Temperature: -40℃~ 70℃; Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing