



Specification

Mode: ZBT-WG1608

Description: Gigabit Dualband 2.4G&5.8G
4G/5G Router

Version	Date	History versions	Author
V1.0	2020-3-10	First Version	Mr.Hu

Reference Pictures



SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.





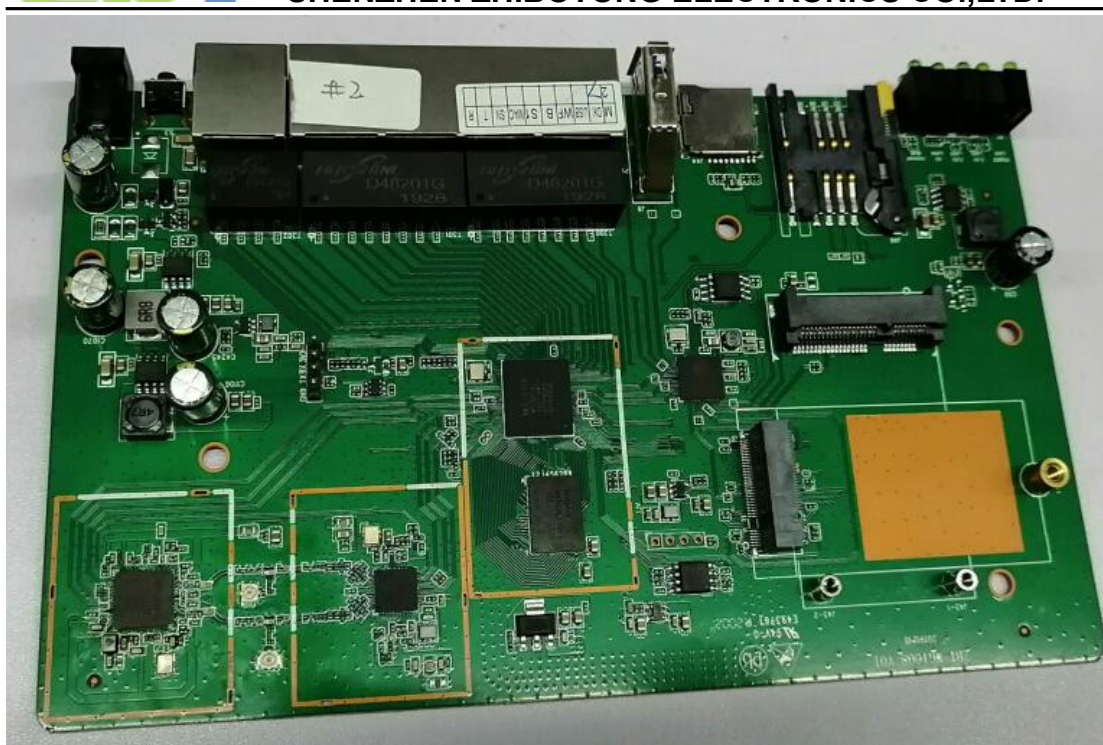
SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.







SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.





1.Simply Description:

ZBT-WG1608 is used new MT7621 dual core wireless solution, performs better and more functions. Stable wireless performance, stronger scalability , the Max transmission rate could be 1200Mbps (2.4G 300Mbps, 5G will be 867Mbps(Max)). Built-in USB3.0 MINI-PCIE interface to install 4G modules to support 2G&3G &4G functions.And also built-in USB3.0 M.2 interface to install 5G module to support 2G&3G&4G&5G function.Because the 4G module interface different from 5G module, so, can only choose one of two to install in side of router.



2.Product Feature:

◆ Support 802.11ac / 802.11a / 802.11n / 802.11g / 802.11b network protocol, the max transmission rate could be 1200Mbps(2.4G 300Mbps+ 5G 867Mbps)

- ◆ 5* 10/100/1000Mbps Auto MDI/MDIX LAN/WAN gigabit ports
- ◆ 1 USB 3.0 data interface
- ◆ 1 Micro TF Card Slot

Built-in USB3.0 MINI-PCIE interface to install 4G modules to support 3G & 4G functions.And also built-in USB3.0 M.2 interface to install 5G module to support 3G& 4G&5G function.But can only choose one of two to install in side of router.

- ◆ Support 11AC,dual band 2.4&5.8G.

3.Specifications:

Hardware	
Main Chipset	MT7621A (880MHz)
2.4G Chip set	MT7603EN
5.8G Chip set	MT7613AEN
RAM	DDR3 256MB (MAX DDR3 512MB)
SPI FLASH	16MB (MAX 32MB)
Protocol	IEEE 802.11n,IEEE 802.11g,IEEE 802.11b,IEEE802.11ac,IEEE802.11a IEEE 802.3,IEEE 802.3u
RT Power	11n: 16dBm±1dBm 11g: 16dBm±1dBm 11b: 18dBm±1dBm 11a: 18dBm±1dBm 11ac: 17dBm±1dBm
Reception Sensitivity	11N HT20 MCS7: -70dBm 11N HT40 MCS7: -68dBm 11G 54Mbps: -72dBm 11B 11Mbps: -85dBm 11A 54Mbps: -72dBm 11AC VHT20 MCS8: -65dBm
Work Channel	2.4GHz choose: 1-13 5GHz choose: 149,153,157,161,165
Wireless Rate	Max 1200Mbps



Work Frequency	2.4GHz, 5.8GHz
Antenna	2* 5dbi high-gain dual-band antennas; 4* 5dbi high-gain 5G antennas or 2* 5dbi high-gain 4G antennas, depend on the type of optional module.
Interface	Built-in 1* USB3.0 MINI-PCIE interface, 1* USB3.0 M.2 interface, MINI-PCIE and M.2 interface can only choose one. 1 *SIM card slot 1 *USB 3.0 port 1 *Micro TF card slot 1* DC interface 1 *10/100/1000M WAN port (Auto MDI/MDIX) 4 *10/100/1000M LAN port (Auto MDI/MDIX)
4G/5G	Support, but 4G module and 5G module can only choose one
LED	Power / 2.4G / 5.8G / 4G or 5G / external network LAN1 / LAN2 / LAN3 / LAN4 / WAN
Button	Reset Button
Max Power consumption	< 20W
Dimension (L*W*H)	Product size:240MM*136MM*25MM
Software	
WAN Type	PPPoE.Dynamic IP. Static IP
Work Mode	Router;
DHCP	Server, Client, DHCP Client List, Address Reservation
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
Firewall Security	Dos, SPI Firewall IP Address Filter/MAC Address Filter/ Domain Filter IP and MAC Address Binding
DDNS	Support
VPN Pass-Through	PPTP, L2TP, IPSec (ESP Head)
Band Ctrl	Support
Static Router	Support
System Log	Support
Other Function	Mac clone NTP Synchronize Web firmware upgrade
Others	



SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.

Work Environmen ts	Operating Temperature: 0℃ ~ 40℃; Storage Temperature: -40℃~ 70℃; Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing
Adapter	DC 12V 2A