



Specification

Mode: ZBT-WG2105

Description: Gigabit Openwrt Wifi Router

Version	Date	History versions	Author
V1.0	2020-8-20	First Version	Haibin Tang

Pictures



1.Simply Description:

ZBT-WG2105 is used new MT7621 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 880M(Max).Provide 1* USB2.0 interface, 1*TF Micro slot .

2.Product Feature:

- ◆ Support 80.11ac / 802.11a / 802.11n / 802.11g / 802.11b network protocol, the max transmission rate could be 1200Mbps(2.4G 300Mbps+ 5G 867Mbps)
- ◆ Support 802.113 / 802.11u protocol, 5* 10/100/1000Mbps Auto MDI/MDIX
- ◆ 1 USB 2.0 data interface
- ◆ 1 Micro TF Card Slot
- ◆ Many kinds of way to protect your data transmission;
- ◆ Support 11AC,dual band (an option, need install with MINI-PCIE 5G module)

3.Specifications:

Hardware	
Main Chipset	MT7621A (880MHz)
2.4G Chip set	MT7603EN

**SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.**

5.8G Chip set	MT7613EN
RAM	DDR2 128MB (MAX DDR2 128MB)
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: 17dBm±1dBm 11g: 17dBm±1dBm 11b: 19dBm±1dBm 11a: 19dBm±1dBm 11ac: 18dBm±1dBm
Reception Sensitivity	11N HT20 MCS7: -72dBm 11N HT40 MCS7: -69dBm 11G 54Mbps: -74dBm 11B 11Mbps: -86dBm 11A 54Mbps: -73dBm 11AC VHT20 MCS8: -66dBm
Work Channel	2.4GHz choose : 1-13 5GHz choose : 149.153.157.161.165
Wireless Rate	Max 1200Mbps (depends on the 11AC mode)
Work Frequency	2.4GHz, 5.8GHz
Antenna	4* non-removable Omni Directional 5dBi antenna
Interface	1 *USB 2.0 port 1 *Micro SD card slot 1 *10/100/1000M WAN port (Auto MDI/MDIX) 4 *10/100/1000M LAN port (Auto MDI/MDIX)
LED	PWR.2G.5G.WAN.LAN1.LAN2.LAN3.LAN4
Button	Reset Button
Max Power consumption	< 12W
Dimension (L*W*H)	164*137*35MM

Software

WAN Type	PPPoE、Dynamic IP、Static IP
Work Mode	AP; 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

**SHENZHEN ZHIBOTONG ELECTRONICS CO.,LTD.**

	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	
Work Environments	Operating Temperature: 0℃ ~ 40℃; Storage Temperature: -40℃~ 70℃; Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing
Adapter	12V 1A