



Residential Router WIFI 300Mbps Dual Band 2x2 MIMO 802.11a/b/g/n



Galgus RIC401 delivers the best election for many small indoor wireless communications for residential, SOHO and IoTs environments, type of 802.11b/g/n.

This product is easy to install and is the ideal one for **small indoor low density scenarios, such as homes, small coffee shops, small offices, small restaurants,.... Which needs an easy WIFI LAN (300Mbps) connectivity and it is enough low wired speed connectivity (100Mbps)for the internal LAN and the internet WAN connectivities.**

Hardware:

RIC401 uses the MTK7628KN chipset, with a 2MB Flash and 8MB SRAM memory capacity, it provides 2x10/100Mbps Auto-MDI/MDIX LAN port, and a similar 10/100Mbps WAN port; a 2.4G 300Mbps WIFI and 1x SIM card for 3/4G connectivity (CAT 4).

Wireless;

Support IEEE802.11n/g/b/a network protocol, used 2x2 MIMO(Multiple Input Multiple output), the wireless transmission speed can be up to 300Mbps. Wifi coverage is around 50 meters.

Features:

- MT7628A chipset.
- Support IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11a wireless protocols, support IEEE 802.3, IEEE 802.3u standard,1
- 1x 10/100M Auto-MDI/MDIX WAN + 2 x 10/100MAuto-MDI/MDIX LAN.
- Wireless rate up 300Mbps
- Support several encryption mode, such as WPA-PSK/WPA2-PSK, WPA/WPA2 and WPA2.



Specification:

Main chipset	MT7628A
RAM	DDR2 8MB
FLASH	2MB
Protocols	IEEE802.11n/802.11g/802.11b/802.11a/802.3/802.3u
WiFi Rate	Max 3 00Mbps
Wifi Frequency	2.4GHz
Wirelss security	WPA-PSK,/WPA2-PSK, WPA/WPA2
Modulation	11b: CCK, QPSK, BPSK 11g: OFDM 11n: QPSK, BPSK, 16-QAM, 64-QAM
Rx Sensitivity (2.4GHz)	11b: <-84dbm@11Mbps; 11g: <-69dbm@ 54Mbps; 11n: HT20<-67dbm HT40: <-64dbm
Band frequency	LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B8 GSM 900MHz/1800MHz
Antenna	2T2R x wifi + 2T2R x 3/4G 5dBi gain
Interfaces	1*10/100M Auto-MDI/MDIX WAN port 4*10/100M Auto-MDI/MDIX LAN port 1*DC port 1*SIM card slot
LED	power/2.4G/WAN/LAN1/LAN2/ WPS
Button	1*Reset button / WPS
Concurrent clients	<=25
Powering	12/1A I _{max} :600mA
Dimmensions	185 x 145 x 32 mm
Environmental conditions	Operating Temperature: 0°C ~ 45°C; Storage Temperature: -20°C~ 70°C; Operating Humidity: 5%~95% non-condensing Storage Humidity: 5%~95% non-condensing