

## MODULE



# GWF-3M04B

Chipset : RT3070

Peak Rate : 150Mbps

Standard : 802.11b/g/n

Interface : USB2.0

Frequency : 2.4GHz

Size : 40.0x15.6x8.8(pin height)mm

Embedded Wifi Module

### **USP :**

Embedded USB wifi module

USB2.0 interface

150Mbps peak rate

2.4GHz IBS band

IEEE 802.11b/g/n

### **Main Features:**

802.11b: 1, 2, 5.5, 11Mbps; 802.11g: 6, 9, 12, 24, 36, 48, 54Mbps

802.11n : support PHY rate up to 150Mbps

Peak rate 150Mbps,

Power management

Certification

Wi-Fi Certification: 802.11 b/g, WPA, WPA2, WMM, WMM-PS

WHQL, Cisco CCX,

FCC ,CE ,RoHS

Application :

IP TV

IP Camera

Set Top Box

HDMI

Multimedia Player

Smart home

Sound Box

Laptop

Desktop etc

<b>Standards</b>	IEEE802.11b/g & 802.11n (1T1R mode)
<b>Operating Frequency</b>	2.412GHz ~ 2.4835GHz ,ISM band, Ch14 need be requested.
<b>Protocols</b>	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
<b>Antenna</b>	External 50 ohm antenna via an I-PEX receptacle or built-in on board PCB antenna
<b>Security</b>	WPA/WP2, 64/128/152-bit WEP, WPS
<b>Transmit Output Power</b> (Antenna feed point)	11b: 18±1.0dBm @ 11Mbps
	11g: 16 ±1dBm @ 54Mbps
	802.11n: (HT20), 15+/-0.5 dBm, (HT40), 15+/-0.5 dBm,
<b>Receive Sensitivity</b> (Antenna feed point)	11b: -87dBm @ 11Mbps; 11g: -73dBm @ 54Mbps.
	802.11n: (HT20), -69dBm@MSC7, (HT40),-65dBm@MSC7
<b>Operating Voltage</b>	5.0VDC ± 5% (or3.3VDV± 5% upon specific requirement)
<b>Operating Current</b>	802.11g, 54Mbps: <140mA at 5.0V DC input. 802.11b, 11Mbps: <180mA at 5.0V DC input.
<b>Bus Interface</b>	USB 2.0/USB1.1