



Convenient development

Rapid large-scale deployment, high reliability, easy to develop

Diversity of connections

WLAN 802.11 a/b/g/n/ac 2.4GHz/5GHz
Bluetooth 4.2 /GPS/GSM/LTE/5G, Zigbee, Zwave, LoRa.

Wide application scenarios

Communications, smart home, smart healthcare, Internet of things (IOT) and other applications

High quality

Industrial-grade ARM platform, efficient and stable; based on Linux system, mature and easy to use; plus the unique Win10 IoT core system, more widely used.

High stability

High reliability and uninterrupted network communication

Operating environment

Commercial and industrial hardware platforms (optional)

Rich scalability

General Module GT_IOT: ZigBee,LoRa, z-wave,BT5.0/BLE

Multiple cloud platforms

Amazon AWS,Microsoft Azure,IBM,ARROW,TTN,LinkWAN(customizable)



Product Specification

CPU	iMX6 S/iMX6 D/iMX6 Q/iMX6 QP Qseven® modules (Optional)
CPU Frequency	1.2GHz
Internal Memory	DDR3L 1GB /2GB RAM Optional
Internal Storage	8GB (4G 16GB 32GB 64GB eMMC Optional)
OS	Linux/win10 iot core
Built-in 2G/3G/4G	Optional
Built-in WiFi	802.11 a/b/g/n/ac
WiFi Frequency Range	2.400~2.497GHz/5.725 - 5.875 GHz
Serial port	1*RS232/RS485
Relay	2*3A250VAC
SATA	1
Interface	4*GPIO
Ethernet port	1*RJ45 10/100Mbps
USB Interface	2*USB 2.0 ; 1*Micro USB
TF Slot	Onboard (main board)
SIM Slot	Onboard
BT 5.0/BLE	Optional
Zigbee	Optional
Z-wave	Optional
LoRa	Optional
Size (cm)	Carrier Board: 15*17/ main board: 7*7
Net Weight (g)	165(PCBA)
Power	DC12~19V/1.5A
Operating temperature (industrial grade)	- 25 °C ~ 70 °C