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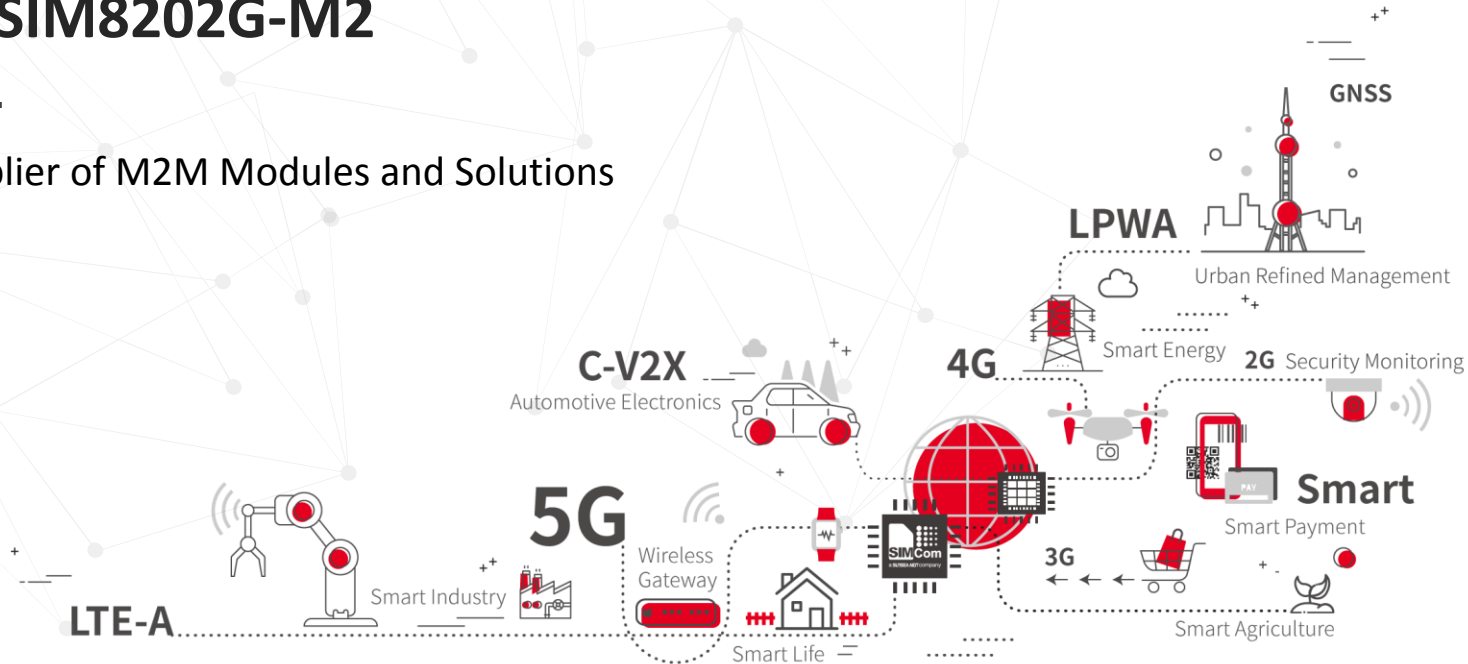
# Smart Living- SIM8202G-M2

World's Leading Supplier of M2M Modules and Solutions

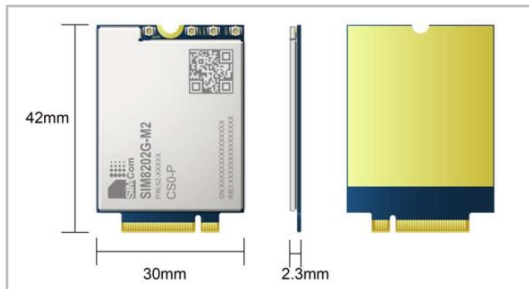
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# 5G Module- SIM8202G-M2



5G NR/4G/3G

M.2 Interface

## Key Benefits

- Small size 5G Sub-6GHz module
- 4 Antennas compact design
- Build-in High precision GNSS Positioning
- Global main regional operator frequency Bands
- Good heat dissipation design
- Matching for different OS system and Platform

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## Product General Features

- Package: M.2 NGFF
- Dimension: 30.0x42.0x2.3mm
- Supply voltage range:3.135~4.4V
- Operating temperature -30 to 70 °C
- 3GPP release 15 compliant
- 5G NR NSA/SA support
- Include Global main regional operator frequency bands
- Data rate :  
5G Sub-6GHz : DL 2.4Gbps / UL 500Mbps  
4G LTE : DL 1Gbps / UL 200Mbps  
3G : DL 42Mbps/ UL 5.76Mbps
- Integrated embedded GNSS Positioning (GPS, GLONASS, Beidou, Galileo)

## Interfaces

- 4 Antennas design
- USB3.1/PCIe 3.0 HS interface
- PCM
- I2C
- GPIOs
- USIM Card 1.8v/2.95v

## Key Software Features

- VoLTE support
- IPv4/IPv6 stack with TCP/UDP Protocol
- Secure Connection with TLS/SSL 3.0
- Internet Services: TCP/UDP/Multi-PDP/FTP/FTPS/HTTP/HTTPS.MQTT/DNS
- Firmware update via interface and OTA

## Drivers

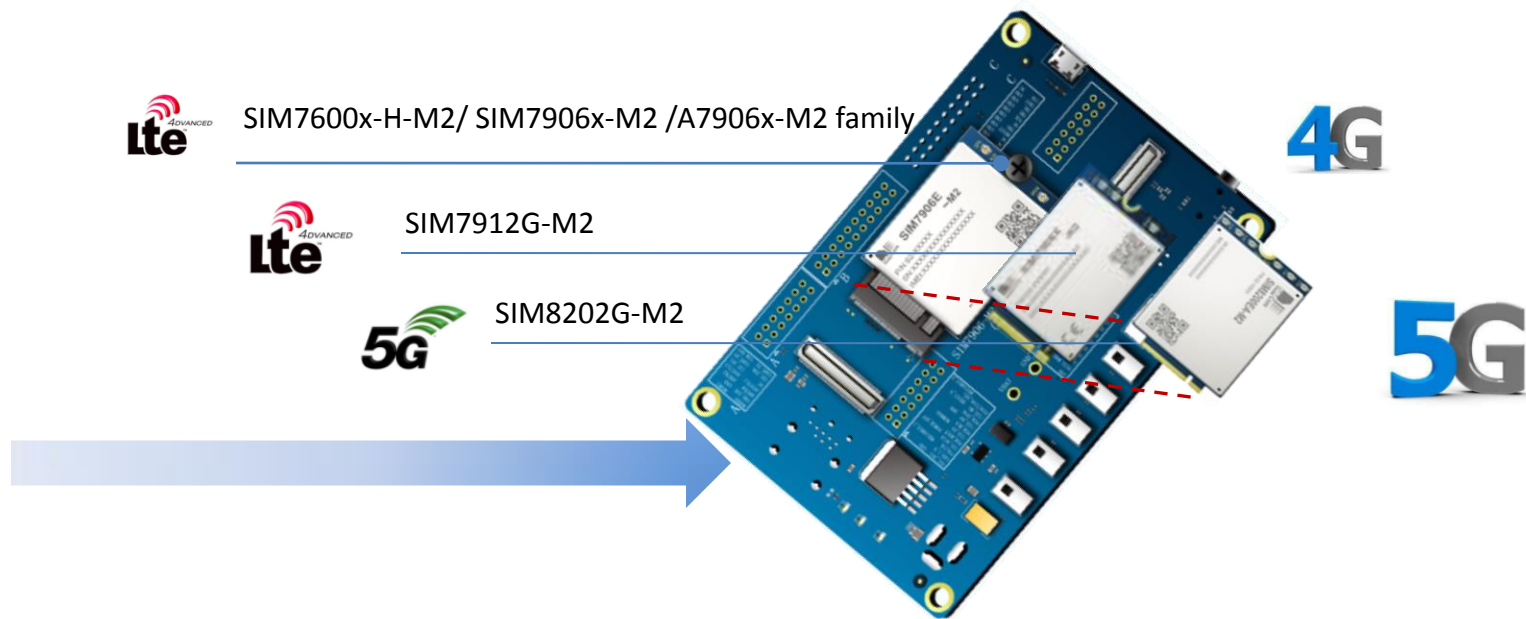
- Driver for Windows 7/8/10
- Driver for Linux
- Driver for Android 6/7/8/10

## Key Applications

- Gateway
- Wireless AP router
- Dongle
- OTT/ STB
- Live Broadcast

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# Standard M.2 30.0\*42.0 mm family



Compatibility design is easy for customers to meet different network requirements on the same PCB design

# Smart Gateway for Home

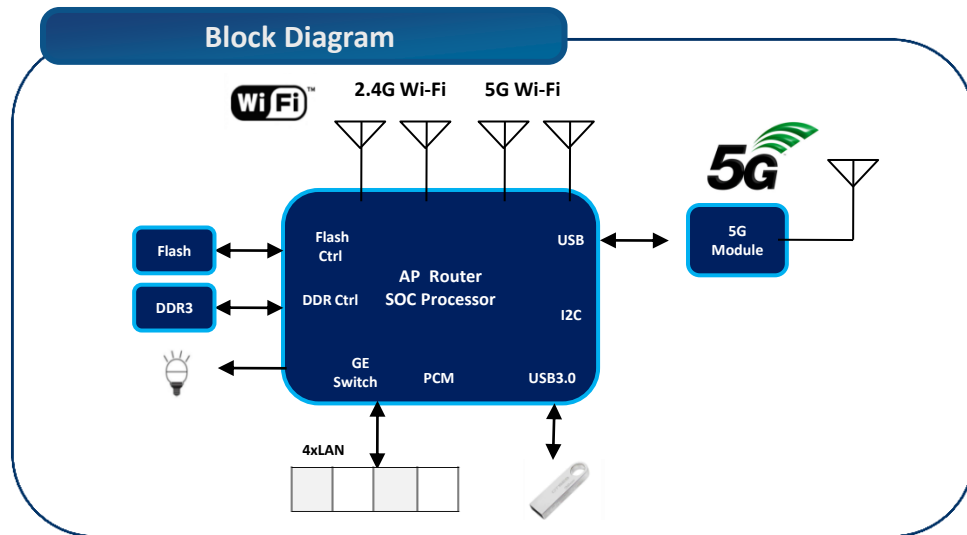
## ✓ Solution

Last-Mile network deployment solution for carriers

- Regardless of wired network
- High bandwidth for high quality services
- Easy to install and use
- Reduce operating cost

## ✓ Benefits

- Recommended Product : 5G Module
  - **SIM8202G-M2** ( 30.0x42.0x2.3mm)
- 4 antenna compact design reduce design difficulty
- Matching for different OS system and Platform
- High speed DL/UL throughput under 5G network
- Compatible with SIM7906x-M2 Cat.6 series/SIM7912G Cat.12 series





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# Thank you

[www.simcom.com](http://www.simcom.com)

Address: 6F, Building B, Sim Technology Building, No. 633, Jinzhong Road, Changning District, Shanghai, China, 200335  
Tel.: +86 21 31755100  
Email: [simcom@simcom.com](mailto:simcom@simcom.com)  
Website: [www.simcom.com](http://www.simcom.com)

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