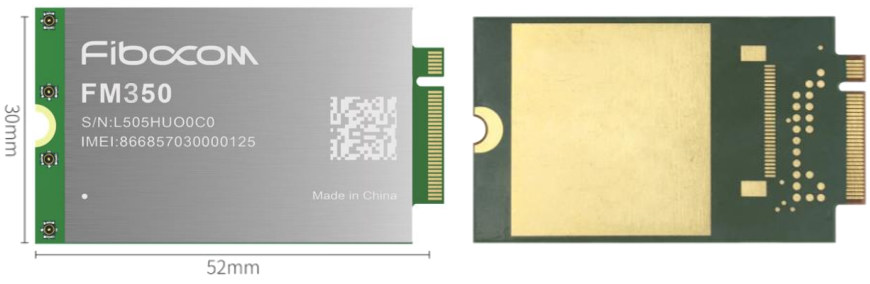
Fibocom
PERFECT WIRELESS EXPERIENCE

5G Module FM350-GL

- 5G NR/LTE/WCDMA
- Sub 6GHz
- SA & NSA
- USB 3.1/PCIe 3.0

Fibocom's global 5G module FM350-GL is a series of 5G communication modules for Global Market, which support both 5G SA and NSA network architectures with faster transmission speed, better carrying capacity, and lower network latency.

FM350-GL supports the 5G NR Sub6 band, and is compatible with LTE and WCDMA standards, eliminating customers' investment concerns in the initial stage of 5G construction and responding to the commercial demand of rapid landing. The region covers Global where 5G is first introduced, providing perfect high-speed experience for customers in the fields of gateway, industrial monitoring, remote medical treatment, UAV, virtual reality and immersive experience (VR and AR).



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Fibocom
STOCK CODE : 300638

5G Module
FM350-GL

Product Features

- Chipset: MT T700
- Support SA/NSA Support NR CA
- 5G Sub-6: n1/2/3/5/7/8/20/28a&b/38/40/41/48/66/71/77/78/79
  n80*/81*/82*/83*/84*
- LTE FDD:B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28a&b/29/30/32/66/71
- LTE TDD: B34//38/39/40/41/42/43/46/48
- WCDMA: B1/2/4/5/8
- MIMO:
  5G NR: DL 4×4 MIMO: n1/3/7/38/40/41/48/66/77/78/79
  UL 2×2 MIMO: n41/77/78/79
  LTE : DL 4×4 MIMO:B1/2/3/4/7/25/30/34/38/39/40/41/42/43/48

Basic parameters

- Factor：M.2
- Size：30 x 52 x 2.3mm
- Mem: Flash + RAM 4Gbit+4Gbit
- Operating Voltage：3.135V~4.4V, Typical 3.8V
- Operating Temperature：-30~+75°C
- Extend Temperature：-40~+85°C
- AT Command Set：3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- Antenna：4 Antennas
- GNSS：GPS/GLONASS/Beidou/Galileo/QZSS
- Support FOAT/DFOTA/VoLTE/Audio/eSIM(optional)

Data

Downlink:
- NR Sub6: 256QAM / SA Peak Rate 4.67Gbps ;
- LTE 256QAM / Peak Rate 1.6Gbps

Uplink:
- NR Sub6: 256QAM / Peak Rate 1.25Gbps
- LTE: 64QAM / Peak Rate 150Mbps

Interface

- USB3.1/3.0
- GPIO
- PCIe3.0
- USB2.0
- I2S
- UIM

Driver

- Windows 10 / Linux 4.1 / Android 10.0

Approval

- CE/GCF/RCM/FCC/PTCRB/IC/JATE/TELEC/CCC/SRRC/CTA
- Vodafone/Telefonica/Swisscom/DTAG/Telstra/Optus/CMCC/CUC/CTC AT&T/Verizon/T-Mobile/KDDI/DoCoMo/Softbank

Region

Global

Note: “*” = In progress / Planning

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