

# LTE Module NL952-NA-00



SDX24

2 Gbps DL

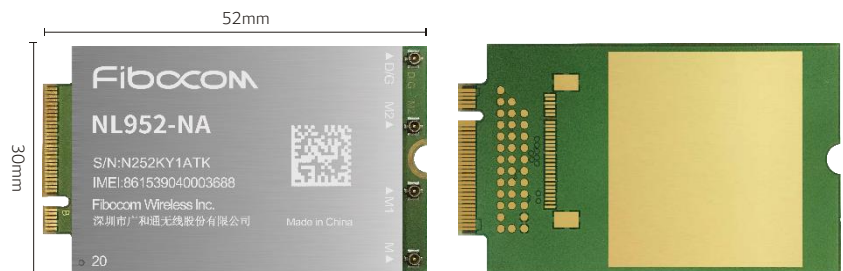
150Mbps UL

M.2

FIBOCOM NL952-NA-00 is a M.2 form factor high-end LTE wireless communication module which supports LTE-FDD/ LTE-TDD/LAA/UMTS/HSPA+.

The highest speed can reach Cat 20 2 Gbps DL and 150Mbps UL.

NL952-NA can cover North America mobile network. It can be widely used in CPE, gateway, TV, VR, drone industry.



# LTE Module NL952-NA-00



## Product Features

- Chipset: SDX24
- LTE Category: DL Cat20, UL Cat13
- LTE FDD: B2/4/5/7/12/13/14/17/25/26/29/30/66/71
- LTE TDD: B41/48
- LAA: B46
- UMTS/HSPA+: B2/4/5
- DL 6CA, 7CA, DL 256QAM support
- UL 2CA, UL 64QAM support
- DL-MIMO: 2\*2, 4\*4
- DL 4x4 MIMO: B2/4/7/25/30/41/48/66
- Integrated GNSS: Galileo, Glonass, GPS, Beidou
- eSIM interface support

## Basic parameters

- Factor: M.2 S3 Key-B
- Size: 30.0 x 52.0 x 2.3 mm
- Operating Voltage: 3.3V~4.4V, Typical 3.8V
- Operating Temperature: -30°C~+70°C
- Extended Temperature: -40°C ~+85°C
- Storage Temperature: -40°C ~+85°C
- AT Command Set: 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- TX Power:
  - FDD&TDD LTE: 23dBm
  - WCDMA: 23.5dBm
- RX Sensitivity:
  - FDD&TDD LTE: -98dBm~102dBm

## Data

- Downlink:
  - FDD&TDD LTE: 2 Gbps (Cat 20)
  - UMTS/HSPA+: 42Mbps DL (Cat 24)
- Uplink:
  - FDD&TDD LTE: 150 Mbps (Cat 13)
  - UMTS/HSPA+: 5.76Mbps (Cat 6)

## Interface

- USIM: 3V/1.8V
- USB3.0/2.0
- PCIe2.0

## Driver

- Linux 4.0 & Android 9.0

## Approval

- IC\*/FCC\*/PTCRB\*/GCF\*
- AT&T\*/Verizon\*/TMO\*

## Region

- North America

Note: \* = Planning / In progress

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