

LTE Module NL952-EAU-20



SDX24

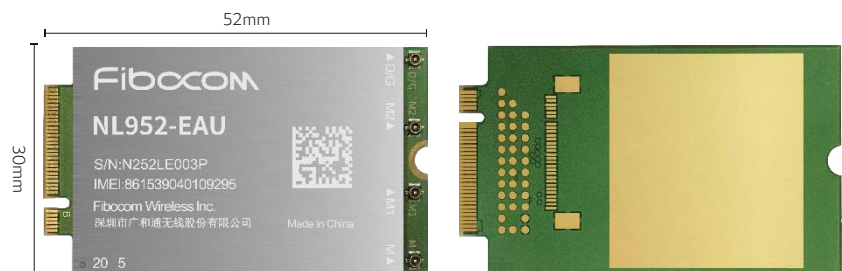
600Mbps DL

150Mbps UL

M.2

FIBOCOM NL952-EAU-20 is a M.2 form factor high-end LTE wireless communication module which supports LTE-FDD/ LTE-TDD/UMTS/HSPA+.

The highest speed can reach Cat 12 600Mbps DL and 150Mbps UL. NL952-EAU can cover EMEA, APAC, Australia Korea and Japan (except B11, B21) mobile network. It can be widely used in CPE, gateway, TV, VR, drone industry.



LTE Module NL952-EAU-20



Product Features

- Chipset: SDX24
- LTE Category: Cat12
- FDD:B1/3/5/7/8/18/19/20/28/32
- TDD:B38/40/41/42/43/48
- UMTS/HSPA+:B1/5/6/8/19
- DL 3CA, 256QAM support
- UL 2CA, 64QAM support
- DL-MIMO: 2*2, 4*4
- DL 4x4 MIMO: Band 1/3/7/32/38/40/B41/42
- 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
- Storage Temperature: -40°C ~+85°C
- Extended 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

- FDD&TDD LTE: 600 Mbps (DL Cat. 12) / 150 Mbps (UL Cat. 13)
- UMTS/HSPA+: 42Mbps DL(Cat 24), 5.76Mbps UL(Cat 6)

Interface

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

Driver

- Linux4.0/ Android 9.0

Approval

- CE/GCF/RCM/HF/RoHs
- BT*/H3G*/EE*/Telefonica*/Vodafone*/Swisscom*/DT*/Telstra*/Optus*/DCM*/SFB*/KDDI*/SKT*/KT*/LG U+*

Note: * = Planning / In progress

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