

LTE Module FM101-EAU-20



3 Modes

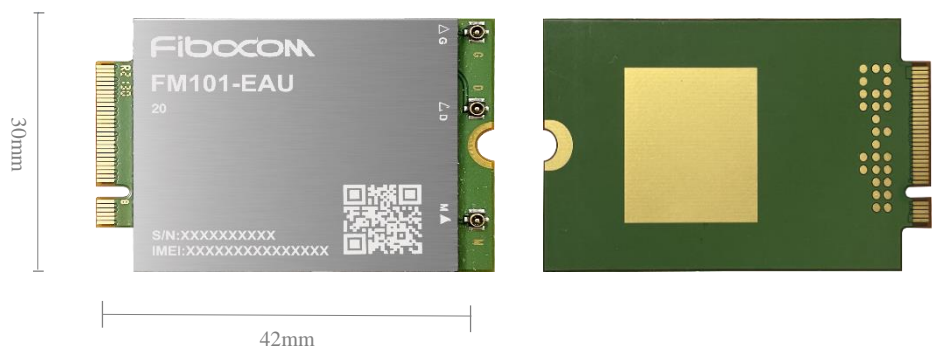
CAT6

Europe, Australia, APAC

Temperature Range
-40°C~+85°C

Fibocom FM101-EAU-20 is a M.2 form factor LTE advanced category 6 wireless communication module. It supports 3 modes of LTE-TDD/LTE-FDD/WCDMA. The peak data rates can reach 300Mbps downlink and 50Mbps uplink.

FM101-EAU-20 can cover Europe, Australia and APAC mobile network and be used in industries such as CPE, STB, industrial 4.0 and Internet of vehicles.



LTE Module FM101-EAU-20



Product features

Chipset: SDX12
LTE FDD: B1/3/5/7/8/20/28/32
LTE TDD: B38/40/41(120M)
WCDMA: B1/3/5/8

DL 2CA:
1A-1A/3A/5A/7A/8A/20A/28A/32A/38A/40A/41A,
3A-3A/5A/7A/8A/20A/28A/32A/38A/40A/41A,
5A-5A/7A,7A-7A/8A/20A/28A,
8A-40A,20A-32A/38A/40A, 40A-40A,41A-41A,
1C,3C,5B,7B,7C,38C,40C,41C

Data

LTE Category: Cat6
LTE: Max. 300Mbps DL / Max. 50Mbps UL
WCDMA: Max. 42 Mbps DL / Max. 5.7 Mbps UL

Driver

Linux / Android / Windows

Region

Europe/Australia/APAC

Basic parameters

Factor: M.2, 30 x 42 x 2.3mm
Operating Voltage: 3.135v~4.4v, Typical 3.8V
Operating Temperature: -30~+75°C
Extend Temperature: -40~+85°C
Storage Temperature: -40~+90°C
AT Command Set:
3GPP TS 27.007 and 27.005,proprietary FIBOCOM
AT commands
Antenna: 2+1 Antennas
GNSS: GPS/GLONASS/BeiDou/Galileo
Support: DFOTA/VoLTE/Audio

Interface

USIM ×2 PCM ×1
USB3.0/2.0 ×1 PCIe2.0 ×1
UART ×1 reuse support

Certification:

CE/UKCA/Reach/RoHS/HF/GCF/RCM
DT*/VDF*/ Telefonica*/Telstra*

Note: * means planning or in progress