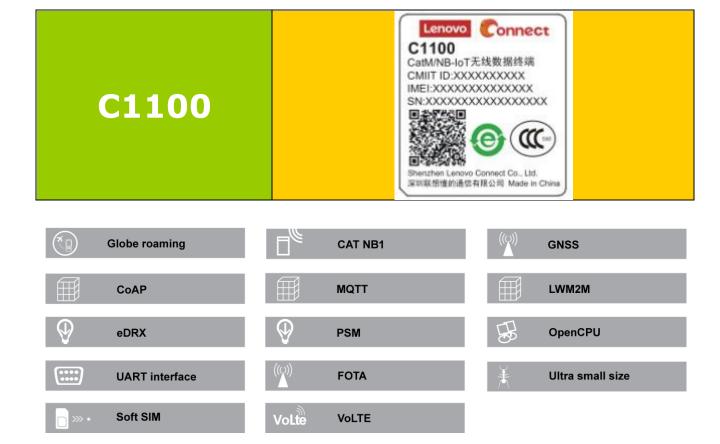


NB-IoT Cellular Module

Lenovo Connect C1100 is one of the smallest NB-IoT modules in LCC castellation packaging with the compact size of $24.0 \times 26.0 \times 2.5$ mm, ultra low power consumption and extended temperature range.

Designed for use in any LPWAN network in the world. In NB-IoT network, C1100 enables connect to the Internet at DL data speed up to 200Kbps. .

To save space on the application platform, C1100 comes as an extremely slim and compact module. This makes it ideally suited for a broad range of mobile computing devices, and particularly offers easy integration with AMI, POS, Security, Intelligent Buildings and other M2M application.







C1100 **NB-IoT Cellular Module**

General features:

- NB-IoT
 - B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/ B19/B20/B26/B28
- · Control via AT commands (GSM07.05,GSM07.07,V.25TER, and Lenovo enhanced AT commands)
- Supply voltage range 3.1V-4.2V
- Low Power consumption
- eDRX mode: <1.0mA
- PSM mode: <7µA
- Dimensions: 24.0mm×26.0mm×2.5mm
- Soldering mounted type
- Temperature range:-40°C to +85°C

Specifications for data:

• Cat NB1 R13

Up to 200Kbps DL&UL

Additional features:

- Embedded TCP/IP stack
- MQTT
- LWM2M
- UDP
- CoAP
- TTS
- · Lenovo FOTA
- OpenCPU
- · Soft SIM

Interfaces:

- · LCC package
- Power supply
- USIM/SIM 3V, 1.8V
- UART
- NET_STATUS
- PCM
- IIC
- RESET#
- POWER_ON#
- VOUT_2V85 VOUT_1V8
- ADCs (1.8V tolerance) -SPI
- -USB
- -GPIOs
- -GNSS
- Antenna interface

5	Suffix	Cell Mode	GNSS	Band	TAF Compatible
C1100	NGGT	NB-IoT only	Support	Global Band	Support