















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 × 26.0 × 2.5mm, 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.



 Globe roaming	 CAT NB1	 GNSS
 CoAP	 MQTT	 LWM2M
 eDRX	 PSM	 OpenCPU
 UART interface	 FOTA	 Ultra small size
 Soft SIM	 VoLTE	



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

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