

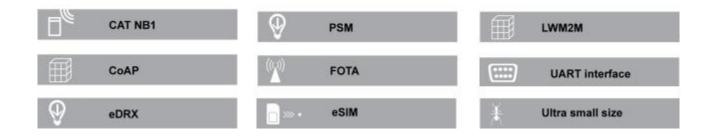
# **NB-IoT Cellular Module**

Longsung A9600 R2 is one of the smallest NB-IoT modules in LCC castellation packaging with the compact size of  $16.0 \times 18.0 \times 2.5$ mm, ultra low power consumption and extended temperature range.

Designed for use in NB-IoT network. A9600 R2 enables connect to the Internet at DL data speed up to 200Kbps.

To save space on the application platform, A9600 R2 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, Intelligent Buildings ,Smart city and other M2M application.







# A9600 R2 NB-IoT Cellular Module

#### General features:

- NB-loT B3/5/8
- Control via AT commands

(GSM07.05,GSM07.07,V.25TER,GPRS, and LongSung enhanced AT commands)

- Supply voltage range 2.5V-4.2V
- Low Power consumption
- eDRX mode: <0.7mA
- PSM mode: <4µA
- Dimensions: 16.0mm×18.0mm×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:

- TCP/IP
- UDP
- CoAP
- LWM2M
- MQTT
- eSIM
- FOTA

## Approvals:

• RoHS/CCC/CTA/SRRC

#### Interfaces:

- LCC package
- Power supply
- USIM/SIM 3V, 1.8V
- UART
- SYS\_STATUS
- IIC
- RESET#
- POWER\_ON#
- ADCs (1.8V tolerance)
- -SPI
- -GPIOs

	Suffix	Cell Mode	GNSS	Band	TAF Compatible
A9600 R2	NXCT	NB-IoT only	Not Support	China Version	Support

