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 × 18.0 × 2.5mm, 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

CAT NB1	PSM	LWM2M
CoAP	FOTA	UART interface
eDRX	eSIM	Ultra small size

A9600 R2
NB-IoT Cellular Module

General features:

• NB-IoT

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