

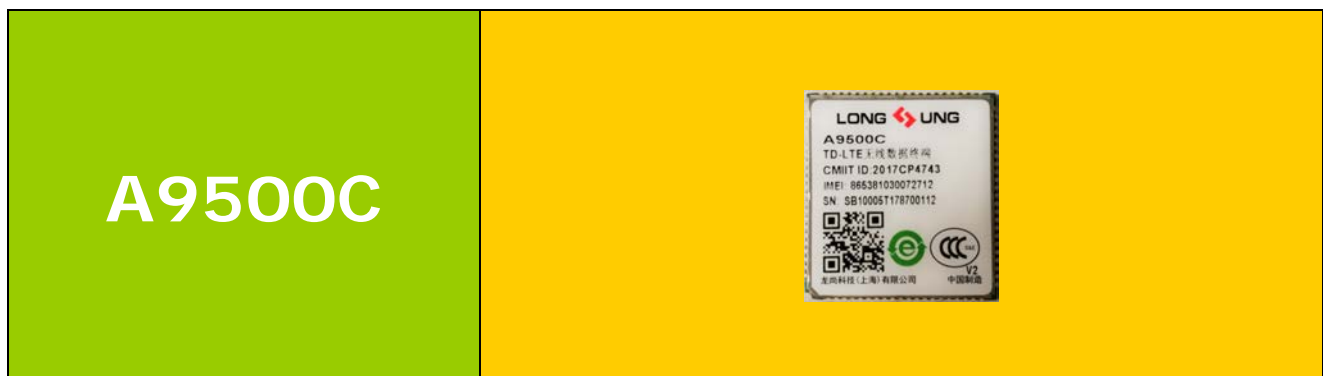











## LTE Cat.1 Cellular Module

Longsung A9500C is one of the smallest LTE Cat.1 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 LTE network. The A9500C enables connect to the Internet at DL data speed up to 10Mbps and UL data speed up to 5Mbps.

To save space on the application platform, A9500C 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 POC, AVL, Power system industry, Elevator industry and M2M application.



 Cat.1 only	 USB 2.0 interface	 GNSS
 UART interface	 FOTA	 OpenCPU
 Soft SIM	 VoLTE	 Ultra small size



# A9500C

## LTE Cat.1 Cellular Module

### General features:

- LTE-TDD single-band B41
- LTE-FDD Tri-band B1/3/5
- Control via AT commands (GSM07.05, GSM07.07, V.25TER, GPRS, and LongSung enhanced AT commands)
- Supply voltage range 3.3V-4.2V
- Low Power consumption
  - Sleep mode: <3mA
  - Power down <15  $\mu$ A
- Dimensions: 24.0x26.0x2.5mm
- Soldering mounted type
- Temperature range : -40°C to +85°C

### Specifications for data:

- Support Release 9 Category 1
- Up to 10 Mbps DL, 5 Mbps UL

### Additional features:

- Embedded TCP/IP stack
- TTS
- EFS
- OpenCPU
- IPV4/V6
- Multi partition protection

### Approvals:

- RoHS/CCC/CTA

### Interfaces:

- LCC package
- Power supply
- USIM 3V, 1.8V
- UART
- NET\_STATUS
- IIC
- SGMII
- PCM
- RESET#
- POWER\_ON#
- VOUT\_2V85
- VOUT\_1V8
- ADCs (1.8V tolerance)
- SPI
- USB
- GPIOs
- ANT\_MAIN
- ANT\_DIV
- ANT\_GNSS