

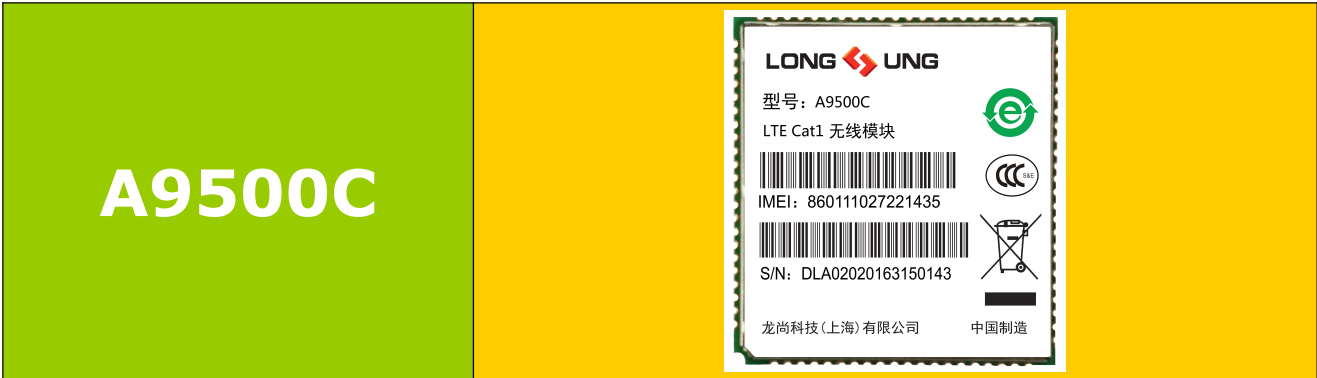


# LTE Cat.1 Cellular Module

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 VoLTE

Ultra small size

LONG UNG

型号: A9500C

LTE Cat1 无线模块



IMEI: 860111027221435



S/N: DLA02020163150143

龙尚科技(上海)有限公司

中国制造



# 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: 24.0×26.0×2.5mm
- 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
- LongSung FOTA
- OpenCPU
- IPV4/V6
- Embedded/External SIM switching
- 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\_GNSS