

Neoway<sup>®</sup>有方

# M660

Quad-band GSM/GPRS Module



有无线 方精彩

LET'S ENJOY WIRELESS LIFE



Operating temperature:  
-40 °C to +85°C



Quad-band



Low power  
consumption



GPRS  
Class 12



RIL Driver  
for Android

M660 is a GSM/GPRS module that supports EDGE-Rx. With the ability to support voice, SMS, and data services, it is widely used in industrial and consumer devices.

### Specifications

- Quad-band: 850/900/1800/1900 MHz
- GPRS multi-slot Class 12
- Compliant to GSM phase 2/2+  
Class 4 (2W)@850/900 MHz  
Class 1 (1W)@1800/1900 MHz
- RX sensitivity: -107 dBm
- 3GPP Release99 compliant
- Control via AT commands: GSM 07.07,  
07.05 and Neoway enhanced AT commands  
27.007, 27.005 and ITU-T V.25 ter
- Integrated TCP client & server,  
UDP, FTP, DNS, HTTP, SMTP, POP3
- CMUX 3GPP TS 27.010
- Supply voltage: 3.5V to 4.3 V (DC),  
3.9 V recommended
- Idle current: < 2 mA
- Package: LCC, 28-pin, pitch 2.0 mm
- Dimensions: 22 mm x 18.4 mm x 2.7 mm
- Operating temperature: -40°C to +85°C

### Features

- GPRS: Max. 85.6 Kbit/s (UL)  
EDGE: Max. 236.8 Kbit/s (DL)
- Coding scheme CS1~CS4
- Mobile Station Class B
- CSD/USSD
- SMS: TEXT/PDU  
Point to Point/Cell Broadcast
- Voice: FR, HR, EFR, and AMR

### Interfaces

- Power, On/Off, Reset, Audio, ADC
- Main UART with TXD, RXD, DTR, and RING
- SIM card interface: 1.8V, 3V

### Enhanced Features

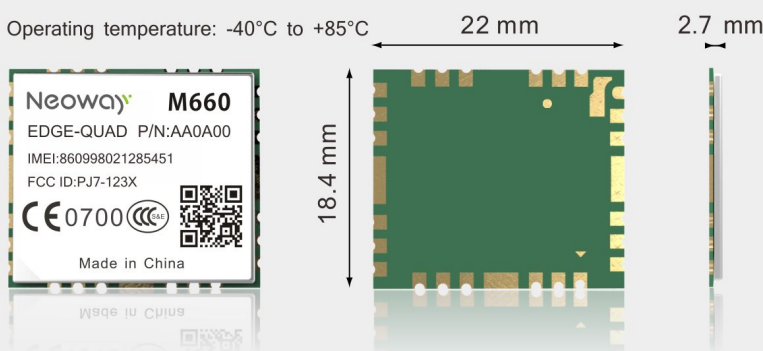
- eCall
- Jamming Detection
- TTS

### Highlights

- RIL driver for Android
- Firmware update via serial interfaces

### Certifications

- CE
- CCC
- FCC
- RoHS
- CTA
- CMIIT



- Compact size, low power consumption, high-performance
- Total shipment for AVL market is more than 2 million.

#### Neoway Technology Co., Ltd.

4F-2#, LianJian Science&Industry Park, Huarong Road, Longhua sub-district, Shenzhen 518100 P.R.C  
Tel: +86-755-2967 1361 Fax: +86-755-2967 2566

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Product inquiry: [sales@neoway.com.cn](mailto:sales@neoway.com.cn)  
Technical support: [support@neoway.com.cn](mailto:support@neoway.com.cn)  
For more information, please visit [www.neoway.com.cn](http://www.neoway.com.cn)