

# N720

LTE module



有互联 方智能

LET'S ENJOY WIRELESS LIFE



Qualcomm  
chipset



Multi-Mode



Win2000/XP/  
Windows 7/Windows 8/  
Linux2.4/Linux2.6/  
Android2.3 above



Operating temperature  
-40 to +85°C



Smallest size

Neoway

N720

N720 series is Neoway's new generation of LTE category-4 module, optimized specially for M2M and IoT applications.

## Specifications

- GSM/GPRS/EDGE & CDMA2000@1x/1xAdvanced/1xEV-DOa & WCDMA R99 to DC-HSPA+ & TD-SCDMA & LTE Cat4
- Four Versions support different Bands  
CN: LTE B1/B3/B5/B8/B38/B39/B40/B41, UMTS B1/B8, TD-SCDMA B34/B39, GSM 900/1800, CDMA BC0  
EU: LTE B1/B3/B5/B7/B8/B20/B40, UMTS B1/B8, GSM 800/900/1800/1900  
US: LTE B2/B4/B5/B7/B17, UMTS B2/B4/B5, GSM 800/900/1800/1900  
JP: LTE B1/B3/B8/B9/B19, UMTS B1/B8/B9/B19  
CN: China/EU: Europe/JP: Japan  
US: the United States
- GNSS: GPS /Beidou/Glonass or GPS /Beidou/Galileo
- Control via AT commands: GSM 07.07, 07.05 and Neoway enhanced AT commands
- Integrated TCP client & server, UDP, PPP, FTP, HTTP, HTTPS, SMTP, POP3, PING, SSL
- IO voltage : 1.8V
- Supply voltage: 3.3 to 4.3 V (DC), 3.8 V recommended
- Idle current: less than 3 mA
- Package: LGA 100-pin, pitch 1.0 mm
- Dimensions: 30mm\*28mm\*2.8mm
- Operating temperature: -40 to +85°C

## Features

- LTE FDD: non-CA cat4, Max. 150Mbps(DL)/Max 50Mbps(UL)  
LTE TDD: non-CA cat4, Max. 130Mbps(DL)/Max 35Mbps(UL)
- Control via AT commands: GSM 07.07, 07.05 and Neoway enhanced AT commands
- CSD/USSD
- SMS: TEXT/PDU Point to Point/Cell Broadcast
- Voice: PCM
- Firmware update via USB

## Enhanced Features

- STK
- CMUX
- LBS

## Interfaces

- Power, On/Off, Reset
- USB 2.0
- UART
- I2S
- ADC
- SDIO
- SPI
- SD Card
- SGMII

## Highlights

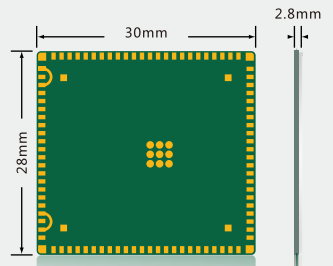
- Compact LGA form factor is ideal for small products with tight space and extended operating temperature range
- GNSS receiver available for applications requiring fast and accurate fixes in any environment
- Worldwide LTE, UMTS/HSPA+ and CDMA2000 1x/GSM/GPRS/EDGE coverage
- RNDIS
- FOTA

## Certifications

- SRRC
- CCC
- CE
- FCC
- RoHS

## Applications

- Metering, Logistics
- POS Asset management
- Telematics



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

Copyright © 2016, Neoway Technology Co., Ltd. All rights reserved.



Product inquiry: sales@neoway.com  
Technical support: support@neoway.com  
For more information, please visit www.neoway.com