



N720 (Cat.1)

LTE Cat.1 module



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GET CONNECTED GET SMART



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
(Cat.1)

N720(Cat.1) is Neoway's new generation of LTE category-1 module, optimized specially for M2M and IoT applications.

Specifications

- Multi-versions support different bands
 - China Telecom:**
LTE: B1, B3, B5
 - India:**
LTE: B3, B5, B40
 - Europe:**
LTE: B1, B3, B5, B7, B8, B20
UMTS: B1, B8
GSM/GPRS/EDGE: 900/1800 MHz
- GNSS:
GPS, BDS, GLONASS
- Integrated TCP client & server,
UDP, PPP, FTP, HTTP, HTTPS,
PING, POP3, SMTP, SSL SMTP
- Supply voltage: 3.3 V to 4.3 V (DC),
3.8 V recommended
- Sleep current: < 4 mA
- Package: LGA 100-pin, pitch 1.0 mm
- Dimensions: 30 mm x 28 mm x 2.8 mm
- Operating temperature: -40°C to +85°C

Interfaces

- Power, On/Off, Reset
- USB 2.0
- UART
- ADC
- 1.8V/3V UIM interface
- Antenna: cellular and GNSS
- NET_LIGHT

Features

- LTE : Max. 10 Mbps(DL) /5 Mbps(UL)
- GNSS:
Receiver type:
GPS L1, BDS L1, GLONASS L1
Sensitivity:
Tracking:
-158.7 dBm(GPS), -158.2 dBm(GLONASS)
Acquisition:
-149 dBm(GPS), -148.5 dBm(GLONASS)
TTF(Open air):
Cold starts: <35 s, Warm starts: <2 s
Position Accuracy(Open air):
< 5m (CEP50)
Navigation update rate: 1 Hz
- Control via AT commands:
GSM 07.07, 07.05
Neoway enhanced AT commands
- SMS:
TEXT/PDU
Point to Point /Cell Broadcast
- Firmware Upgrade via USB

Enhanced Features

- QMI/RNDIS/ECM
- CMUX
- LBS

Highlights

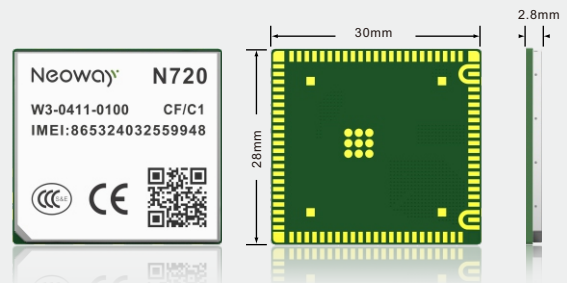
- Compact LGA form factor is ideal for small products with tight space and extended operating temperature range
- GNSS receiver available for applications requiring fast and accurate fix in any environment
- Optimal search network mechanism

Certifications

- SRRC
- CCC
- CE
- RoHS

Applications

- Metering
- logistics
- Asset management
- Telematics



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