

N11 series

GSM/GPRS modules



Low power consumption

1.1 mA@ Idle mode



Data only

Quad-band, GPRS Multi-slot Class12



Various network protocols

Support most of the common IoT protocols



LGA package, small size

Reduce product area
Easy to lay out



Technical support

Reference designs, evaluation kits
Timely email, call, and field support



N11 is a low-power consumption and high-performance GSM/GPRS module. Its dimensions are 13.8 x 15.8 x 2.5 mm. Its pins are packaged in LGA, which reduces product area.

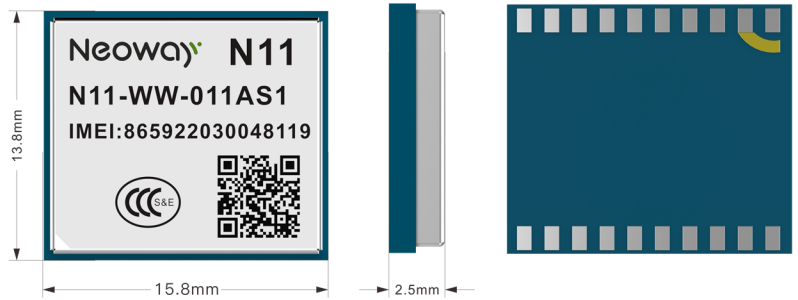
N11 is widely used in most regions including Asia, Europe, Africa, South America and other areas where GSM/GPRS networks are deployed.

N11 integrates industrial UART interfaces and supports various network protocols.

With low power consumption, ultra wide operating temperature range, and excellent RF performance, N11 is the optimal option for energy metering, logistics, security, mobile payment, environmental monitoring, etc.

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GSM/GPRS modules



Features

Variants	N11, N11 V2
Bands	Quad-band
GPRS Multi-slot Class	Class 12
GPRS Mobile Station	Class B
GSM Phase 2/2+	Class 4 (2W @850/900MHz) Class 1 (1W @1800/1900MHz)
Supply voltage	3.3 to 4.3 V(DC), 3.9 V Typ
Power consumption	1.1 mA@ Idle mode
Operating temperature	-40°C to +85°C
Dimensions	13.8 x 15.8 x 2.5 mm
Package	LGA 20-pin
Weight	Approx. 1.3g
AT commands	GSM07.07, GSM07.05 Neoway enhanced AT Commands

Enhanced Features

FOTA
CMUX
LBS

Specifications

Data rate	GPRS Max. 85.6Kbps(DL/UL)
SMS	TEXT/PDU Point to Point/Cell Broadcast
Network protocols	CoAP, MQTT, TCP, UDP, PING, FTP, HTTP, HTTPS, DNS, PPP
Firmware upgrade	Via UART

Interfaces

Antenna	Cellular
UART	1 UART
SIM	1.8V/3.0V
NETLIGHT	Network status
Others	Power, On/Off, Reset, DTR, Ring

Certification Approvals

SRRC*, CCC*, CTA*, CE*, RoHS*, FCC*

* indicates that the certificate will be provided.

Neoway
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