

N510-GL NB-IoT Module

Perfect Wireless Experience

V1.0

N510-GL NB-IoT Module Technical Specifications

Basic Features

- Cat NB2:B1/2/3/4/5/8/12/13/17/18/19/20/25/26/28/66/71/85
- LCC+LGA 22.2x20.2x2.1mm
- Operating temperature:-40 °C~+85 °C
- Storage temperature:-40 °C~+90 °C
- Operating Voltage:3.3V~4.5V
- **AT Command Set:** 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- **TX Power:**23.0dBm±2dB

Data Transmission

NB1

- Multi-tone: 62.5Kbps UL/ 26.15Kbps DL
- Single-tone: 15.6Kbps UL

NB2

- Multi-tone: 158.5Kbps UL/ 126.8Kbps DL
- Single-tone: 18.1Kbps UL

Features

- TCP/UDP
- IPV4/IPV6
- COAP
- LWM2M
- MQTT
- HTTP
- FOTA
- PSM
- eDRX
- DRX
- NTP

Interfaces

- UART
- USIM 1.8V/3V
- System Indicator
- Antenna
- ADC
- GPIO
- I2C
- SPI *

Certifications

- FCC*/CE*/NCC*/PTCRB*/RCM*/JATE*/TELEC*/Telstra*/ROHS*/HF*/AT&T*/TMO*/Verizon*/GCF*/DT*/VDF*