

## 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:** 23dBm±1dB

#### 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/NTP
- FOTA
- 2.7uA @PSM
- 154uA @eDRX
- 2.1mA @DRX

#### Interfaces

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

#### Certifications

- CE/ NCC/ FCC/ RoHS/HF/ PTCRB/GCF/VDF\*/DT\*/VzW\*TMO\*