

## WCDMA HSUPA External Modem

# NTWE-310

NTmore is the new leader in wireless M2M(machine to machine) communication.

We are reliable partner with a long track record of high quality products and comprehensive industry know-how.

With the broadest product portfolio of CDMA, WCDMA, LTE, we deliver reliable communication for fields like automotive, smart metering, wireless card reader, security system, POS terminals, environmental monitoring, etc.

Our high quality product are fully type approved and field experienced. In addition, a true organization offers supports in all phases of the integration process to speed up time to market.

### ○ Features

- WCDMA/HSUPA(Qualcomm MSM6290)
- High Speed Data Rate up to 7.2Mbps
- Standard RS-232C Interface
- Support AT commands
- 59mm(W) x 59mm(L) x 21mm(H)
- Built-in TCP/IP Stack
- 2-way SMS
- Support SMS MO / MT
- 5LED indicator



Always On Connected with  
NTmore Wireless Solutions

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## ○ H/W Spec

### Electrical

- WCDMA/HSUPA
- Input voltage : DC 5V
- Max Output Power : 0.25W(Power Class3)
- Sensitivity : less than -106.7dBm
- Frequency : 1920 ~ 1980MHz(Tx), 2110 ~ 2170MHz(Rx)
- Current consumption : 50mA(Idle), up to 550mA(Max)

### Mechanical

- Dimension : 59mm(W) x 59(L) x 21mm(H)
- Antenna connector : SMA type
- Weight : About 70g
- Modem interface : RS-232C(9pin D-sub Connector)

### Environmental

- Operating Temperature : -20 ~ +60℃
- Storage Temperature : -30 ~ +70℃

### External Interface

- RS-232C
- USB
- Ear Jack
- USIM Socket
- Power Port
- External Antenna
- 5 LED Indicator(PWR, IDLE, USB, UART, BUSY)

## ○ S/W Spec

- Support for HSDPA downlink up to 7.2Mbps
- Support for HSUPA up to 2.0Mbps
- Support for WCDMA(UMTS) uplink data rate up to 384bps
- Support for the HSDPA Release 5 Standard
- SMS(CS and PS)
- Built-in TCP/IP Stack
- Packet Data Service
- IS-820 RUIIM for Spectrum Systems

