

# HUAWEI MU609

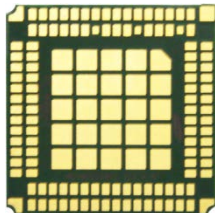
## For M2M application

### General Features

- UMTS/HSPA: 850/900/1900/2100MHz
- GSMGPRS/EDGE: 850/ 900/ 1800/ 1900 MHz
- Output Power  
UMTS :+24dBm (Power Class 3)  
EGSM850 Class 4 (2 W)  
EGSM900 Class 4 (2 W)  
GSM1800 Class 1 (1 W)  
GSM1900 Class 1 (1 W)
- Sensitivity  
GSM 850/900 MHz: -109 dBm  
GSM 1800/1900 MHz: -107 dBm  
WCDMA 850/900 MHz: -110 dBm  
WCDMA 1900 MHz: -108 dBm  
WCDMA 2100 MHz: -109 dBm
- AT commands  
3GPP TS 27.007 and 27.005  
Huawei extended AT command
- Power supply: 3.2 V to 4.2V (typical: 3.8V)
- Temperature range: -40° C to 85° C
- Humidity: 5% - 95%
- Dimensions: 30 mm x 30 mm x 2.2mm
- Weight: approx. 5g
- USB driver for Linux/Android

### Voice

- DTMF support
- PCM voice support



(\*) features will be ready in future version, test sample would not be available for this features.

### Data

- HSPA: UL 5.76 (Mbps)/ DL (14.4 Mbps)
- WCDMA PS: UL (384 kbps)/ DL (384 kbps)
- EDGE: UL (236.8 kbps)/ DL (236.8 kbps)
- GPRS: UL (85.6 kbps)/ DL (85.6 kbps)

### SMS

- MO / MT
- Text / PDU mode

### Additional Features

- FOTA \*
- GPS: Standalone , A-GPS
- STK (SIM Took Kit)
- Firmware update via USB/UART \*
- Embedded TCP/IP stack

### Supplementary Service

- Call forwarding / hold / waiting
- USSD

### Interfaces

- Antenna interface
- 145 pin LGA interface
- UART
- USB 2.0 High speed
- PCM Voice
- SIM Interface (1.8V / 3.0V)
- GPIOs
- Power supply
- Reset
- Power Supply

### Approvals & Certifications

- CCC
- CE
- GCF
- PTCRB
- FCC
- RoHS

Note:

Please refer to the latest version of *Hardware Guide* about the specifications. Huawei reserves the right to make changes or improvements to any of the products without prior notice.