



MU609 Mini PCIe is a variant of MU609 with standard Mini PCIe form factor. It is high-quality designed HSPA module which specially for industrial-grade M2M applications such as vehicle telematics, tracking, mobile payment, industrial router, safety monitor and industrial PDAs.

MU609 Mini PCIe supports 14.4Mbps downlink data rate, providing data and voice service under global GSM/GPRS/EDGE/WCDMA networks. The module also include enhanced features like embedded TCP/IP stack, FOTA, STK, and Huawei enhanced AT commands

All Huawei modules comply with the RoHS directive and Regional certification.

HUAWEI

MU609 Mini PCIe

For High Speed M2M application

Mini-PCIe Package

DL(14.4 Mbps)/UL(5.76 Mbps)

STK

Quad-band HSPA+/UMTS

GPS

FOTA

Quad-band EDGE/GPRS/GSM

PCM Voice

CE, CCC, GCF, PTCRB, FCC, RoHS Compliant

Embedded TCP/IP Stack

General Features

- UMTS/HSPA: 850/900/1900/2100MHz
- GSM/GPRS/EDGE: 850/ 900/ 1800/ 1900 MHz
- Output Power

UMTS: +24dBm (Power Class 3)

GSM850 Class 4 (2 W)

GSM900 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

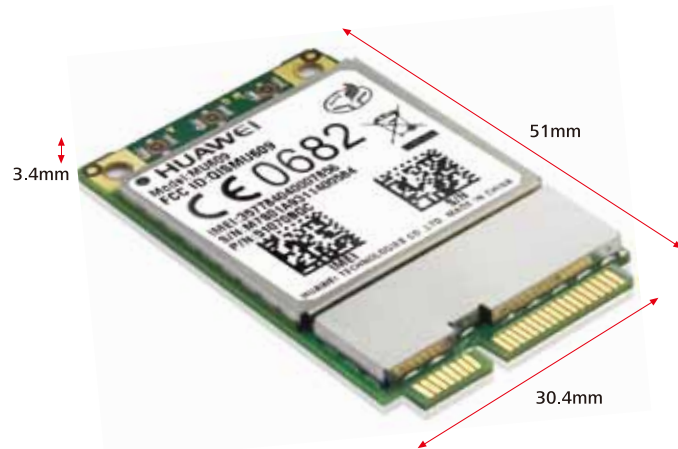
WCDMA 1900 MHz: -108 dBm

WCDMA 2100 MHz: -109 dBm

- AT commands
3GPP TS 27.007 and 27.005
Huawei extended AT command
- Power supply: 3.0 V to 3.6V (typical: 3.3V)
- Temperature range: -40°C to 70°C
- Humidity: 5% - 95%
- Dimensions: 30.4 mm x 51 mm x 3.4mm
- Weight: approx. 12g
- USB driver for Linux/Android

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Voice

- DTMF support
- PCM voice support

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 udate via USB *
- Embedded TCP/IP stack

Supplementary Service

- Call forwarding / hold / waiting
- USSD

Interfaces

- 3 Antenna connectors
- PCIE interfaces
- USB 2.0 High speed
- PCM Voice
- SIM Interface (1.8V / 3.0V)
- Power supply
- Reset

Approvals & Certifications

- CCC
- FCC
- CE
- 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 to the products without prior notice.

