

HUAWEI MU709s-2 Mini PCIe

For M2M application

General Features

- UMTS/HSPA: 900/2100MHz
- 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: -110 dBm
GSM 1800/1900 MHz: -109 dBm
WCDMA 900 MHz: -112 dBm
WCDMA 2100 MHz: -111 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

Voice

- DTMF support*
- PCM voice support
- Voice codec: AMR (all rates)



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.

Data

- HSPA: UL 5.76 (Mbps)/ DL (21.6 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
- STK (SIM Took Kit)
- Firmware update 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
- CE
- GCF

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