

HUAWEI ME909u-523 Mini PCIe

For M2M application, North America market

General Features

- LTE (FDD) B2/B4/B5/B17, all bands with diversity
- DC-HSPA+/HSPA+/HSPA/WCDMA B2/B4/B5, all bands with diversity
- GPS/GLONASS: L1
- MIMO
HSPA+/DC-HSPA+: DL 2*2 MIMO
LTE: DL 2*2 MIMO
- Output Power
WCDMA/HSPA+: +24dBm (Power Class 3)
LTE: +23dBm (3GPP TS 36.101 R8 Class 3)
- USIM (Class B and Class C)
- Power supply
3.0 V to 3.6V (typical: 3.3V)
- Temperature range
Operational: -20° C to 60° C
Extended: -30° C to 70° C *
- Dimensions: 51 mm x 30.4 mm x 3.4 mm
- Weight: approx. 12g

- AT commands
3GPP TS 27.007 and 27.005
Huawei extended AT command
- OS: Linux, Android

Voice Features

- DTMF **
- PCM voice **

Supplementary Service

- Call forwarding / hold / waiting **
- USSD **



* Temperature outside of the range -20° C to 60° C, the module might slightly deviate from 3GPP TS 45.005 and 3GPP TS 34.121-1 specifications.
** features will be ready in future firmware.

Data Features

- WCDMA CS: DL 64 kbps/UL 64 kbps
- WCDMA PS: DL 384 kbps/UL 384 kbps
- HSPA+: DL 21.6 Mbps/UL 5.76 Mbps
- DC-HSPA+: DL 43.2 Mbps/UL 5.76 Mbps
- LTE FDD: DL 100 Mbps/UL 50 Mbps @20M BW cat3

SMS Features

- MO / MT Text and PDU mode

Additional Features

- CDC-ECM
- GNSS: Standalone, A-GPS, GPS XTRA, Glonass
- FOTA
- Firmware Update via USB
- Sleep mode

Interfaces

- Mini PCIe interface
- Antenna interface
- USB 2.0 High speed
- PCM Voice
- SIM Card
- LED
- Power supply
- Reset

Approvals & Certifications

- FCC
- RoHS & WEEE Compliant
- AT&T

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.