

# HUAWEI ME909u-521 Mini PCIe

For M2M application, European market

## General Features

- LTE (FDD) B1/B2/B3/B5/B7/B8/B20, all bands with diversity
- DC-HSPA+/HSPA+/HSPA/WCDMA B1/B2/B5/B8, all bands with diversity
- EDGE/GPRS/GSM 1900/1800/900/850 MHz
- GPS/GLONASS: L1
- MIMO  
LTE: DL 2\*2 MIMO  
HSPA+/DC-HSPA+: DL 2\*2 MIMO
- Output Power  
LTE: +23dBm (3GPP TS 36.101 R8 Class 3)  
WCDMA/HSPA+: +24dBm (Power Class 3)  
EDGE 1900/1800MHz: +26dBm (Power Class E2)  
EDGE 900/850MHz: +27dBm (Power Class E2)  
GSM/GPRS 1900/1800MHz: +30dBm (Power Class 1)  
GSM/GPRS 900/850MHz: +33dBm (Power Class 4)
- 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
- 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 \*\*



\*\* features will be ready in future firmware.

## Data Features

- GPRS: DL 85.6 kbps/UL 85.6 kbps
- EDGE: DL 236.8 kbps/UL 236.8 kbps
- 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

- CE
- RoHS & WEEE Compliant

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.