







HUAWEI

ME909u-521 Mini PCIe

For M2M application, Europe market

-  Mini-PCIe Package
-  Quad-band EDGE/GPRS/GSM
-  Embedded TCP/IP Stack
-  LTE(FDD) B1/B2/B3/B5/B7/B8/B20
-  DL(100 Mbps)UL(50 Mbps)
-  IPV6/IPV4
-  Quad-band DC-HSPA+/HSPA+/HSPA/UMTS
-  GPS, GLONASS
-  USSD, FOTA
-  PCM Voice
-  CE, FCC, GCF, RoHS Compliant

ME909u-521 Mini PCIe is a variant of ME909u-521 with standard Mini PCIe form factor. It is high-quality designed LTE module which specially for industrial-grade M2M applications such as vehicle telematics, tracking, mobile payment, industrial router, safety monitor and industrial PDAs.

ME909u-521 Mini PCIe supports 100Mbps downlink data rate, includes enhanced features like FOTA, USSD, IPV6/IPV4 and Huawei enhanced AT commands.

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

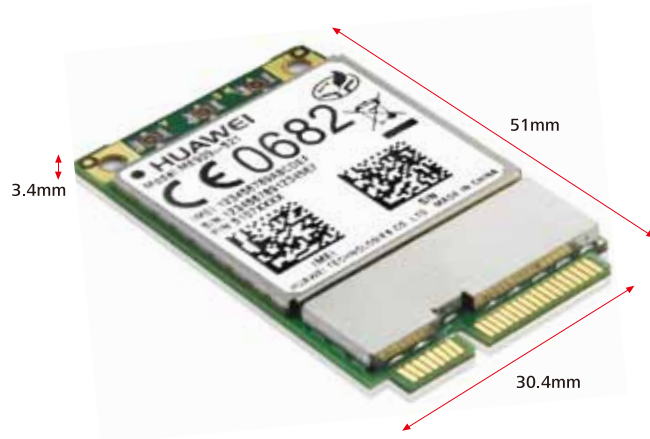
General Features

- LTE FDD : B1/B2/B3/B5/B7/B8/B20
- DC-HSPA+/HSPA+/HSPA/UMTS: 850/900/1900/2100MHz
- GSM/GPRS/EDGE: 1900/1800/900/850 MHz
- LTE DL 2*2 MIMO
- DC-HSPA+/HSPA+ Receive diversity
- Transmit Power
 - LTE FDD: +23dBm (3GPP TS 36.101 R8 Class 3)
 - UMTS: +24dBm (Power Class 3)
 - EDGE 1900MHz/1800MHz: +26dBm (Power Class E2)
 - EDGE 900M/850MHz: +27dBm (Power Class E2)
 - GSM/GPRS 1900MHz/1800MHz: +30dBm (Power Class 1)
 - GSM/GPRS 900M/850MHz: +33dBm (Power Class 4)
- AT commands
 - 3GPP TS 27.007 and 27.005
 - Huawei extended AT command
- Power supply
 - Normal: 3.0 V to 3.6V (typical 3.3V)
- Temperature range: -30°C to 70°C
- Humidity: 5% - 95%
- Dimensions: 30.4 mm x 51 mm x 3.4 mm
- Weight: approx.12g
- USB driver for Linux/Android
- CDC-ECM

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Voice

- PCM voice

Data

- LTE UL (50 Mbps)/DL (100 Mbps) (CAT3)
- DC-HSPA+ :UL (5.76 Mbps)/DL (42 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 PDU mode

Additional features

- GPS: Standalone / A-GPS
- FOTA *
- Firmware Update via USB

Supplementary Service

- Call forwarding / hold / waiting *
- USSD *

Interfaces

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

Approvals & Certifications

- CE
- RoHS 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.



<http://consumer.huawei.com/m2m>