



HUAWEI ME936

For CE application, North America & EMEA



The ME936 is a LTE module with M.2 interface , supporting LTE (FDD) B1/B2/B3/B4/B5/B7/B8/B13/B17/B20 , Seven-band DC-HSPA+/HSPA+/HSPA/WCDMA for both North America and EMEA network coverage, low power consumption, Global Navigation Satellite System(GNSS), global Certification and top carrier TA, enabling easier and more flexible design and integration into end devices. In addition, the ME936 supports M.2 features to optimize performance, power consumption, and usability. ME936 is the ideal choice for Ultrabook, notebook, tablet etc.

General Features

- LTE (FDD)
B1/B2/B3/B4/B5/B7/B8/B13/B17/B20
- Penta-band DC-HSPA+/HSPA+/HSPA/UMTS
B1/B2/B4/B5/B8
- Quad-band EDGE/GPRS/GSM 1900/1800/900/850 MHz
- GNSS
GPS L1: 1575.42 MHz
Glonass L1: 1602MHz
- Receive diversity
DC-HSPA+/HSPA+/HSPA/UMTS B1/B2/B4/B5/B8
- MIMO
LTE: DL 2*2 MIMO
- Max. transmitter power
WCDMA/HSPA+: +24dBm (Power Class 3)
GSM/GPRS 1900MHz/1800MHz: +30dBm (Power Class 1)

- GSM/GPRS 900M/850MHz: +33dBm (Power Class 4)
- EDGE 1900MHz/1800MHz: +26dBm (Power Class E2)
- EDGE 900M/850MHz: +27dBm (Power Class E2)
- LTE: Accorded with 3GPP TS 36.101 R8 Class 3(23dBm)
- Control via AT commands
3GPP TS 27.007 and TS 27.005
Huawei extended AT command
- SIM card supply voltage
1.8 V/3.0 V UICC (SIM/UICC/UIM), ISIM supported
- Supply voltage range
3.135V~4.4V (3.3 V recommended)
- Temperature range
Normal operation: -10°C to +55°C
Extended operation: -20°C to +70°C
Storage: -40°C to +85°C
- Humidity: 5% - 95%

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- Dimensions: 42 mm x 30 mm x 2.3 mm
- Weight: < 6g
- OS: Windows7/8/8.1/ Android4.x/5.0

Additional Features

- GNSS: GPS Standalone, A-GPS, GPS XTRA, Glonass
- SIM Hotswap
- IPV6
- BodySAR
- Ultrabook feature support(ACT, WiFi Offload, DPTF)
- Tunable Antenna
- USB LPM(Link Power Management)

Data Features

- GPRS/EDGE: Multi-slot Class 12
- WCDMA PS: UL (384 kbps)/DL(384 kbps)
- DC-HSPA+ : UL (11 Mbps)/DL(42 Mbps)
- LTE FDD: UL (50 Mbps)/DL(100 Mbps)
@Bandwidth 20M (CAT3)

SMS Features

- Supporting MO and MT
- Supporting formats of PDU
- Point-to-point and cell broadcast

Interfaces

- Antenna interfaces x 2
- M.2 Socket 2
USB 2.0 interface high speed
Power supply
UICC interface

Approvals & Certifications

- FCC
- GCF
- PTCRB
- RoHS/Halogen free
- Operator TA: AT&T(Plan), Vodafone(Plan)

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.

