



# HUAWEI ME906V

For CE application, North America market



The ME906V is a LTE module with NGFF interface , supporting LTE (FDD) B1/B2/B4/B5/B8/B13/B17,Penta-band DC-HSPA+/HSPA+/HSPA/WCDMA , Dual-band CDMA/DO BC0/BC1 for North America network coverage, low power consumption, Global Navigation Satellite System (GNSS), and North America carrier certifications, enabling easier and more flexible design and integration into end devices. In addition, the ME906V supports NGFF features to optimize performance, power consumption, and usability.

ME906V is the ideal choice for Ultrabook, notebook, tablet etc.

## General Features

- LTE (FDD) B1/B2/B4/B5/B8/B13/B17
- CDMA/DO BC0/BC1
- 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  
CDMA/EVDO BC0/BC1
- 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)  
CDMA BC0: +23 dBm (Power Class 3)  
CDMA BC1: +23 dBm (Power Class 2)
- 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

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- 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%
- Dimensions: 30 mm x 42 mm x 2.3 mm
- Weight: <6g
- OS: Windows7/8/8.1/Android 4.x

## Additional Features

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

## Data Features

- 1x: UL (153.6 kbps)/DL (153.6 kbps)
- EVDO Rev.A: UL (1.8 Mbps)/DL (3.1 Mbps)
- GPRS/EDGE: Multi-slot Class 12
- WCDMA PS: UL (384 kbps)/DL (384 kbps)
- DC-HSPA+ :UL (5.76 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
- CDG
- PTCRB
- RoHS/Halogen free
- Operator TA: AT&T

### Note:

Huawei reserves the right to make changes or improvements to any of the products without prior notice.

