



The MU739 is a HSPA+ wireless data module which supports Penta band UMTS/HSPA+ and Quad-band GSM/GPRS/EDGE network.

The LGA package provides ultra low profile in the integrated solution while at the same time enhancing the performance of mechanical resistance to shock and reducing cost in high volume applications, saving space and weight in portable devices.

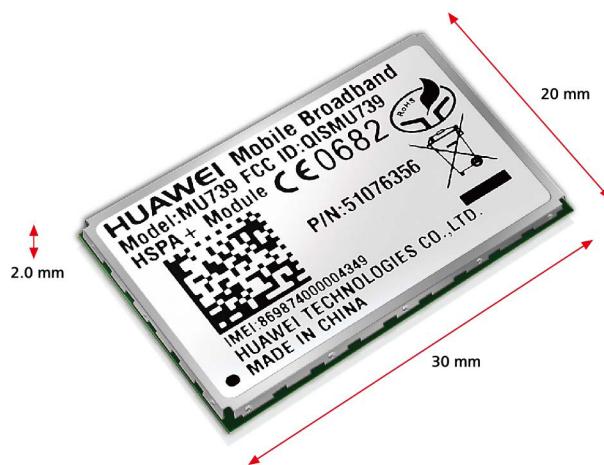
MU739 is ideal for consumer electronics applications such as ultra-book, tablet, PDA, and so on.

General Features

- Penta-band WCDMA/HSPA/HSPA+ 2100/1900/900/850/AWS MHz
- Quad-band GSM/GPRS/EDGE 1900/1800/900/850 MHz
- GPRS/ EDGE: Multi-slot Class 12, Class B
- Max. transmitter power WCDMA/HSPA/HSPA+ 2100/1900/900/850/AWS MHz: +24 dBm (Power Class 3)
GSM/GPRS 850 MHz/900 MHz: +33 dBm (Power Class 4)
GSM/GPRS 1800 MHz/900 MHz: +30 dBm (Power Class 1)
EDGE 850 MHz/900 MHz: +27 dBm (Power Class E2)
EDGE 1800 MHz/900 MHz: +26 dBm (Power Class E2)
- 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/ USIM)
- Supply voltage range 3.3 V to 4.2 V (3.8 V recommended)
- Temperature range Normal Operation: -10°C to +55°C
Extended Operation: -20°C to +70°C
Storage: -40°C to +85°C

HUAWEI MU739

HSPA+ CE Module



- Humidity: 5% - 95%
- Dimensions: 20 mm x 30 mm x 2.0 mm
- Weight: <6g
- OS: Android 4.0

Interfaces

- Antenna interface x 2
- 114-pin LGA connector:
 - Power supply
 - USB 2.0 high speed
 - UICC interface

Data Features

- GPRS/EDGE: Multi-slot Class 12, Class B
- WCDMA PS: UL (384 kbps)/DL (384 kbps)
- HSPA: UL (5.76 Mbps)/DL (7.2 Mbps)
- HSPA+: UL (5.76 Mbps)/DL (21 Mbps)

Approvals & Certifications

- CE
- FCC
- GCF
- PTCRB
- CCC
- RoHS/Halogen Free

SMS Features

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

○ 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.