



HUAWEI

MU736

HSPA+ CE Module

-  M.2
-  UL (5.76 Mbps)/DL (21 Mbps)
-  Tunable Antenna & BodySAR
-  Ultra-slim
-  GPS
-  Windows/Android
-  Penta-band WCDMA/HSPA/HSPA+
-  Ultrabook feature support
-  Global Certification & TA
-  Quad-band EDGE/GPRS/GSM
-  SIM Hotswap

The MU736 is a HSPA+ module with NGFF interface, supporting Penta-band (B1/B2/B4/B5/B8) for worldwide network coverage, low power consumption, GPS, and global carrier certifications, enabling easier and more flexible design and integration into end devices. In addition, the MU736 supports all NGFF features to optimize performance, power consumption, and usability.

MU736 is an ideal choice for PC OEMs and ODMs to use in long battery life, thin form factor devices such as Ultrabooks and tablets requiring best in class cellular platform KPIs (e.g. performance, size, current consumption).

General Features

- Penta-band WCDMA/HSPA/HSPA+ 2100/1900/900/850/AWS MHz
- Quad-band EDGE/GPRS/GSM 1900/1800/900/850 MHz
- GPRS/EDGE: Multi-slot Class33
- GPS/A-GPS: L1
- Max. transmitter power
WCDMA/HSPA/HSPA+ 2100/1900/900/850/AWS MHz: +24dBm (Power Class 3)
GPRS 1900/1800 MHz: +30dBm (Power Class 1)
GPRS 900/850 MHz: +33dBm (Power Class 4)
EDGE 1900/1800 MHz: +26dBm (Power Class E2)
EDGE 900/850 MHz: +27dBm (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
3.135V~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/ Android4.x

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Additional Features

- GPS Standalone, A-GPS
- SIM Hotswap
- BodySAR
- Ultrabook feature support (ACT, WiFi Offload, DPTF)
- Tunable Antenna

Data Features

- GPRS/EDGE: Multi-slot Class 33, Class B
- WCDMA PS: UL (384 kbps)/DL (384 kbps)
- UL/DL HSPA: UL (5.76 Mbps)/DL (7.2 Mbps)
- UL/DL HSPA+: UL (5.76 Mbps)/DL (21 Mbps)

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

- CE
- FCC
- GCF
- PTCRB
- CCC
- NCC
- RoHS/Halogen free
- Global Operator TA: AT&T, Vodafone, Orange, Telefonica, DT, TMO, Swisscom etc.

Note:

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

