



LM014 HSPA+ 3.5G 14.4Mbps USB Modem

Part No: 014-1200

Latest High Speed Technology

The LM014 HSPA+ 3.5G USB modem is an unlocked 3.5G modem providing worldwide roaming and connectivity, so there are no contract ties to worry about - you can use any sim card from any of the operators worldwide and switch between them.



Setup is easy as the software is installed directly from flash memory on the modem itself - no CD-Rom required. Offering a 14.4Mbps download rate and up to 5.6Mbps upload rate anywhere in the world via your 3G SIM Card.

A micro-SD slot on the modem now accepts a memory card for up to 16 GB (Gigabytes) of memory. A simple slide-in of a micro-SD memory card allows the modem to double as a flash drive to maximize the flexibility of available USB ports.

Product Features:

- Unlocked High Speed Mobile Broadband Modem
- Worldwide roaming and global connectivity with one modem
- Quad-Band Class 12 GSM / GPRS / EDGE Wireless Mobile Broadband Modem
- High Speed: download up to 14.4 Mbps and upload up to 5.76 Mbps
- Supports GSM/GPRS/EDGE on : GSM bands 850Mhz / 900Mhz / 1800Mhz / 1900MHz
- Supports HSPA on : UMTS bands 2100MHz / 900 Mhz
- Data transmission:
 - HSDPA 3GPP R7, up to 14.4 Mbps download rate, category 7/8
 - HSUPA 3GPP R6, up to 5.76Mbps upload rate, category 6
 - UMTS 3GPP R4, up to 384Kbps download and upload rate
 - EDGE 3GPP R4, Multislot class 12, up to 237Kbps
 - GPRS 3GPP R4, Multislot class 10, up to 85.6Kbps
- Plug & Play (Connection manager in flash memory - ZeroCD installation)
- USB Speed Full USB v2.0 compatible device
- Storage Micro SD Card Slot (16 GB max)
- Operating Systems: Windows XP, Vista, Windows 7, and Mac OS 10.5 -10.7
- AT Interface: 3GPP TS 27.005 / 3GPP TS 27.007 supported



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Technical specification

OS Compatibility:

- Windows XP, Vista, Windows 7, and Mac OS 10.5 -10.7 (Intel platform)

Data Rate:¹

| | |
|-------|---|
| HSUPA | up to 5.76Mbps upload rate, category 6 |
| HSDPA | up to 14.4 Mbps download rate, category 7/8 |
| UMTS | up to 384Kbps download and upload rate |
| EDGE | Multislot class 12, up to 237Kbps |
| GPRS | Multislot class 10, up to 85.6Kbps |

Physical Specification:

- Form Factor: USB Stick
- Chipset: Qualcomm MDM6200
- Interface: High Speed USB 2.0
- LED: One RGB LED indicator for different states
- Antenna: On board chip antenna

- Height: 10.5 mm
- Length: 88 mm
- Width: 26.5 mm
- Weight: <30 grams

Frequency:

- GSM: 850 Mhz / 900 Mhz / 1800 Mhz / 1900 MHz
- UMTS: 900 / 2100 MHz

Power Consumption:

- Class 4: +33dBm ±2dB for GSM 900
- Class 1: +30dBm ±2dB for GSM1800
- Class E2: +27dBm ± 3dB for GSM 900 8-PSK
- Class E2: +26dBm +3 /-4dB for GSM/EDGE 1800 8-PSK
- Class 3: +24dBm +1/-3dB for UMTS 2100, WCDMA

- SIM interface: 3VDC std 6pin, 3GPP 31.101 and 31.102
- Power supply: 5 VDC via USB interface
- Ambient temp: -20 °C ...+65 °C
- Auto switch-off: +75 °C

Warranty:

- 12 months warranty

Certification:

- CE, RoHS, Microsoft WHQL

System Requirements

For Pentium Class PC

- Available USB port
- Windows XP, Vista, Win 7

For Mac OS

- Available USB port
- Mac Book, Mac Book Pro, Mac Pro or Mac Mini (Intel CPU)
- Mac OS X 10.5 or higher, up to 10.7.1

Package Contents

- LM Technologies LM014 HSPA+ 3.5G USB Modem
- Quick Install Guide
- Warranty/Support Card
- DVD Style Case

LM Technologies Related Products

- LM003 HSUPA 7.2Mbps USB Modem
- LM009 Wi-Fi 3G Pocket Router
- LM Technologies LM256 3 dBi Antenna w. CRC connector

Retail Specification:

- Package Height: 120 mm
- Package Length: 100 mm
- Package Width: 20 mm
- Package Weight: 62 grams

- EAN: 5055454012005

- Carton Qty: 100
- Net Weight: 14.5 Kg
- Gross Weight: 15 Kg
- Carton Dimension: Length: 770mm x Width: 300mm x Height: 300mm
- Volumetric: 0.0693

Notes:

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¹ Maximum wireless data rate derived from 3GPP specifications. Actual throughput will vary. Network conditions and environment factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.

² Environmental conditions may affect wireless signal range.