

# EWM-C109F601E

Wide-Temp 3.75G HSPA, Full-size Mini PCIe Card with SIM Card holder

# EWM-C109F6G1E

Wide-Temp 3.75G HSPA and GPS, 2-in-1, Full-size Mini PCIe Card with SIM Card holder

NEW



## Features

- 6-bands, 800/850/900/1700/1900/2100 MHz for UMTS/HSPA network
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- With SIM card holder
- HSDPA 7.2Mbps, HSUPA 5.76Mbps
- Operating temperature: -40 to +85° C

## Specifications

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Main Chipset           | U-blox LISA-U200                                                                             |
| Antenna                | 1 RF Antenna Coaxial Connectors                                                              |
| Band                   | UMTS/HSPA:<br>800/850/900/1700/1900/2100 MHz<br>EDGE/ GPRS/ GSM:<br>850/ 900/ 1800/ 1900 MHz |
| Data throughput        | Downlink: 7.2 Mbps<br>Uplink: 5.76 Mbps                                                      |
| Interface              | PCI Express mini-card rev. 1.2                                                               |
| Operation Voltage      | 3.3V ~ 3.6V                                                                                  |
| Power Consumption      | < 700 mA (HSPA connected Mode)                                                               |
| O.S Supported          | Windows XP/Vista/7, WinCE 5.0/6.0, Linux 2.4.x/2.6.x, Mac                                    |
| Temperature Ranges     | Operation: -40 to +85° C                                                                     |
| Dimensions (L x W x H) | 50.85 x 29.9 x 6.2 mm                                                                        |

## Ordering Information

| Part No.      | Product Description                                                |
|---------------|--------------------------------------------------------------------|
| EWM-C109F601E | Wide-Temp 3.75G HSPA Full-size Mini PCIe Card with SIM Card holder |

## Suggested Antenna and Cable

| Part No.   | Specifications                                      |
|------------|-----------------------------------------------------|
| 1750005865 | 824~960 MHz, 1710~2170 MHz dipole antenna, 109 mm   |
| 1750006426 | 824~960 MHz, 1710~2170 MHz dipole antenna, 169.5 mm |
| 1750005866 | Coaxial GSM/ GPS Cable, 100 mm                      |
| 1750006009 | Coaxial GSM/ GPS Cable, 250 mm                      |

NEW



## Features

- 6-bands, 800/850/900/1700/1900/2100 MHz for UMTS/HSPA network
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- With SIM card holder
- With hardware standalone GPS, u-blox MAX-6
- HSDPA 7.2Mbps, HSUPA 5.76Mbps
- Operating temperature: -40 to +85° C

## Specifications

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Main Chipset           | U-blox LISA-U200 and MAX-6                                                                   |
| Antenna                | 2 RF Antenna Coaxial Connectors                                                              |
| Band                   | UMTS/HSPA:<br>800/850/900/1700/1900/2100 MHz<br>EDGE/ GPRS/ GSM:<br>850/ 900/ 1800/ 1900 MHz |
| Data throughput        | Downlink: 7.2 Mbps<br>Uplink: 5.76 Mbps                                                      |
| Interface              | PCI Express mini-card rev. 1.2                                                               |
| Operation Voltage      | 3.3V ~ 3.6V                                                                                  |
| Power Consumption      | < 700 mA (HSPA connected Mode)                                                               |
| O.S Supported          | Windows XP/Vista/7, WinCE 5.0/6.0, Linux 2.4.x/2.6.x, Mac                                    |
| Temperature Ranges     | Operation: -40 to +85° C                                                                     |
| Dimensions (L x W x H) | 50.85 x 29.9 x 6.2 mm                                                                        |

## Ordering Information

| Part No.      | Product Description                                                                 |
|---------------|-------------------------------------------------------------------------------------|
| EWM-C109F6G1E | Wide-Temp 3.75G HSPA and GPS, 2-in-1, Full-size Mini PCIe Card with SIM Card holder |

## Suggested Antenna and Cable

| Part No.   | Specifications                                                     |
|------------|--------------------------------------------------------------------|
| 1750005865 | 824~960 MHz, 1710~2170 MHz dipole antenna, 109 mm                  |
| 1750006426 | 824~960 MHz, 1710~2170 MHz dipole antenna, 169.5 mm                |
| 1750005866 | Coaxial GSM/ GPS Cable, 100 mm                                     |
| 1750006009 | Coaxial GSM/ GPS Cable, 250 mm                                     |
| 1750006432 | GPS antenna 1575MHz, cubic antenna 45x35x14 mm, wire length 5000mm |