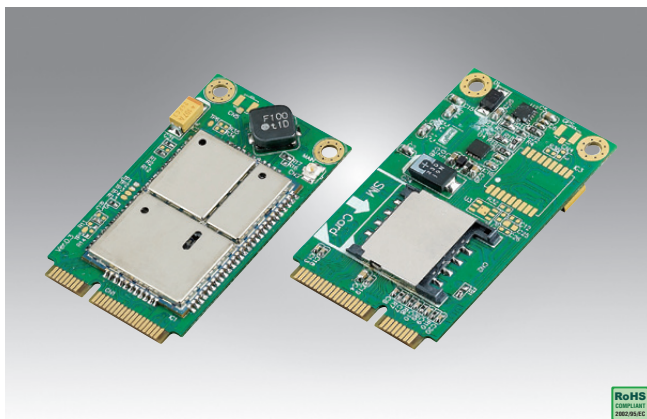


EWM-C109F601E

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



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: 800/850/900/1700/1900/2100 MHz EDGE/ GPRS/ GSM: 850/ 900/ 1800/ 1900 MHz
Data throughput	Downlink: 7.2 Mbps 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)
Peak Current (Max.)	1.5 A
OS Supported	Win XP/Vista/7, ARM 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

EWM-C112FE Series

CDMA/EVDO (Verizon & Sprint approval)
Full-size Mini PCIe Card



Features

- CDMA EVDO Rev A
- Dual band 800/1900 MHz
- A-GPS (optional)
- Verizon and Sprint approvals
- Operating temperature: -30 to +85° C

Specifications

Main Chipset	u-blox FW2770p
Antenna	2 RF Antenna Coaxial Connectors
Band	Dual band 800/1900 MHz
Data throughput	Downlink: 3.1 Mbps Uplink: 1.8 Mbps
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ± 100 mV
Power Consumption	Sleep mode <2 mA Idle mode ~100 mA Data traffic mode ~800 mA
OS Supported	Windows XP/ Vista/ 7, Linux
Temperature Ranges	Operation: -30 to +85° C
Dimensions (L x W x H)	51 x 30 x 4.5 mm

Ordering Information

Part No.	Product Description
EWM-C112FE01E	CDMA/EVDO Module, Verizon approval SKU
EWM-C112FE02E	CDMA/EVDO Module, Sprint approval SKU
EWM-C112FEG1E	CDMA/EVDO Module with GPS, Verizon approval SKU
EWM-C112FEG2E	CDMA/EVDO Module with GPS, Sprint approval SKU

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