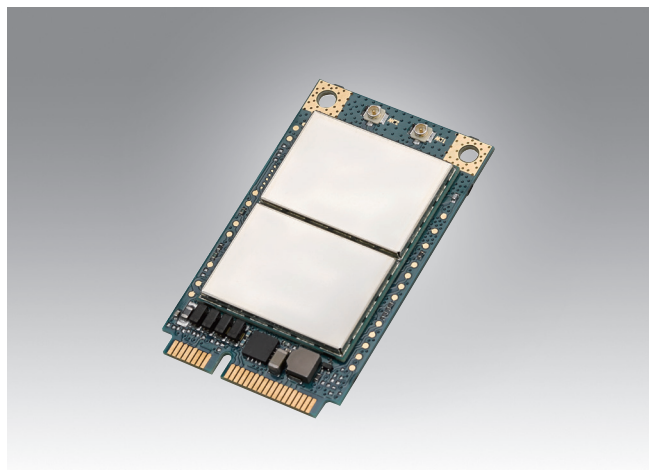


# EWM-C117FL

Wide-Temp 4G/LTE, Full-size Mini PCIe Card (SIM Card holder by inquiry)



## Features

- 4G/LTE Bands Cat. 4, 3G UMTS/HSPA, 2G GSM/GPRS/EDGE
- HSDPA 7.2Mbps, HSUPA 5.76Mbps
- Operating temperature: -40 to +85 °C
- SIM card holder by inquiry

## Specifications

Main Chipset	U-blox TOBY-L2
Antenna	2 RF Antenna Coaxial Connectors
Band	4G/LTE Cat. 4: <ul style="list-style-type: none"><li>▪ Bands 2, 4, 5, 7, 17 for EWM-C117FL01E/03E</li><li>▪ Bands 1, 3, 5, 7, 8, 20 for EEWM-C117FL02E/04E</li><li>▪ Bands 1, 3, 5, 8, 19 for EWM-C117FL05E</li><li>▪ Bands 1, 3, 5, 7, 8, 28 for EWM-C117FL06E</li><li>▪ Bands 1, 3, 5, 8, 19 for EWM-C117FL07E</li></ul> 3G UMTS/HSPA: 850/900/1900/2100 MHz EDGE/ GPRS/ GSM: 850/900/1800/1900 MHz
Data throughput	4G/LTE Cat. 4 (DL: 150 Mbps, UL: 50 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 7/8.x/10, 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-C117FL01E	LTE/HSPA+/GPRS module, w/o SIM Slot, for USA AT&T, T-Mobile, w/o voice function
EWM-C117FL02E	LTE/HSPA+/GPRS module, w/o SIM Slot, for Europe, APAC, w/o voice function
EWM-C117FL03E	LTE/HSPA+/GPRS module, w/ SIM Slot, for USA AT&T, T-Mobile, w/o voice function
EWM-C117FL04E	LTE/HSPA+/GPRS module, w/ SIM Slot, for Europe, APAC, w/o voice function
EWM-C117FL05E	LTE/HSPA+/GPRS module, w/ SIM Slot, for Japan Softbank, w/o voice function
EWM-C117FL06E	LTE/HSPA+/GPRS module, w/ SIM Slot, for Taiwan; w/o voice function
EWM-C117FL07E	LTE/HSPA+/GPRS module, w/ SIM Slot, for Japan NTT DoCoMo, w/o voice function

## Suggested Antenna and Cable

Part No.	Specifications
1750007990-01	4G/LTE full band dipole antenna, 110 mm
1750006264	Coaxial GSM/ GPS Cable, 150 mm
1750006009	Coaxial GSM/ GPS Cable, 250 mm
1750008303-01	4G/LTE full band dipole antenna, 130mm