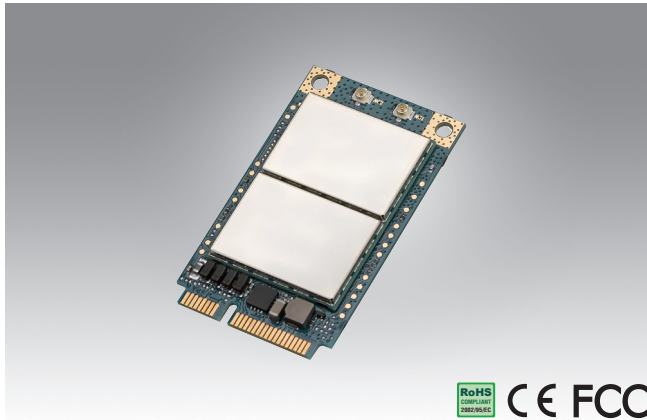


EWM-C117FL

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



RoHS
COMPLIANT
2002/95/EC

CE FCC

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: - Bands 2, 4, 5, 7, 17 for USA - Bands 1, 3, 5, 7, 8, 20 for Europe, APAC 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

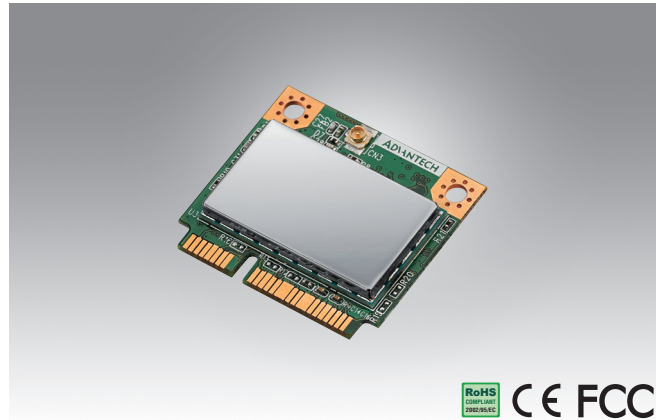
Part No.	Product Description
EWM-C117FL01E	LTE/HSPA+/GPRS module, w/o SIM Slot, for USA AT&T, T-Mobile, w/o voice function
EWM-C117FL02E	LTE/HSPA+/GPRS module, w/o SIM Slot, for Europe, APAC, w/o voice function
EWM-C117FL03E	LTE/HSPA+/GPRS module, w/ SIM Slot, for USA AT&T, T-Mobile, w/o voice function
EWM-C117FL04E	LTE/HSPA+/GPRS module, w/ SIM Slot, for Europe, APAC, w/o voice function

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

EWM-C118HD

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



RoHS
COMPLIANT
2002/95/EC

CE FCC

Features

- Dual-bands, 900/2100 MHz for UMTS/HSPA network
- Dual-bands for EDGE/GPRS/GSM network
- With SIM card holder
- Operating temperature: -40 to +85 °C

Specifications

Main Chipset	U-blox SARA-U270
Antenna	1 RF Antenna Coaxial Connectors
Band	UMTS/HSPA: 900/2100 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)
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)	26.8 x 30 x 6 mm

Ordering Information

Part No.	Product Description
EWM-C118HD01E	Wide-Temp 3.75G UMTS/HSPA, Half-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
1750006264	Coaxial GSM/ GPS Cable, 150 mm
1750006009	Coaxial GSM/ GPS Cable, 250 mm