AIW-344

Wide-Temp 4G/LTE, Full-size Mini PCIe Card

Features

- 4G/LTE CAT4 ,TDD-LTE/FDD-LTE/WCDMA/GSM
- LTE FDD:150Mbps DL/50Mbps UL (Cat 4)
- LTE TDD:130Mbps DL/30.5Mbps UL (Cat 4)
- Operating temperature: Normal: -30°C ~ +75°C/Extended: -40°C ~ +85°C
- With GPS

Specifications

Main Chipset	Qualcomm MDM9X07		
Antenna	2 LTE Antenna Coaxial Connectors +1 GPS antenna connector		
Band	AIW-344FQ-E01 ▪ FDD-LTE: Band 1,3,5,7,8,20,28 ▪ TDD-LTE: Band 38,40,41 ▪ HSPA/UMTS:Band 1,5,8 ▪ GSM/GPRS/EDGE850/900/1800MHz	AIW-344FQ-J01 ▪ LTE FDD: Band1,3,8,11,18,19,21,26,28 ▪ LTE TDD: Band41 ▪ WCDMA/HSPA+: Band1,6,8,19	AIW-344FQ-N01 ▪ LTE FDD: Band 2,4,5,12,13,17,66,71 ▪ WCDMA: Band 2,4,5
Data throughput	4G/LTE Cat. 4 (FDD-LTE: 150 Mbps DL, 50 Mbps UL; TDD-LTE: 130 Mbps DL, 30 Mbps UL)		
Interface	PCI Express mini-card		
Operation Voltage	3.3V ~ 4.3V (3.8V recommended)		
Power Consumption	Idle mode: <15mA (USB sleep); <29mA (USB wake up)		
O.S Supported	Windows 7/8.x/10, Linux		
Temperature Ranges	Operation: Normal: -30°C ~ +75°C/Extended: -40°C ~ +85°C		
Dimensions (L x W x H)	50.85 x 29.9 x 6.2 mm		

Ordering Information

Part No.	Product Description
AIW-344FQ-E02	LTE/HSPA+/GPRS module, with GPS, for EU
AIW-344FQ-N01	LTE/HSPA+/GPRF module, with GPS, for US
AIW-344FQ-J01	LTE/HSPA+/GPRF module, with GPS, for JP

Suggested Antenna and Cable

Part No.	Specifications
1750006264	Coaxial Cable, 15 cm, SMA (F) to MHF
1750006009	Coaxial Cable, 25 cm, SMA (F) to MHF
1750008303-01	4G/LTE full band dipole antenna, 130 mm
1751000360-01	GPS&BEIDOU ANTENNA L=2m
1751000361-01	GPS&BEIDOU ANTENNA L=5m

All product specifications are subject to change without notice.