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-E01	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
1750006432	GPS antenna 1575 MHz, Antenna L1: 1575.42 MHz, RHCP and SMA male
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

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All product specifications are subject to change without notice.