AIW-343

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

Features

- 4G/ LTE Cat.4, WCDMA/GSM/GPRS/EDGE
- LTE: 150Mbps DL/50Mbps UL (Cat 4)
- Operating temperature:
  Normal: : -20°C ~ +55°C / -4°F ~ 131°F
  Extended: -40°C ~ +85°C / -40°F ~ 185°F
- With GPS
- With SIM slot

Specifications

Main Chipset	Qualcomm MDM9X07
Antenna	2 X LTE Antenna Coaxial Connectors + 1 X GPS antenna connector
Band	AIW-343FQ-E01 ▪ 4G: Band 1, 3, 7, 8, 20, 28A ▪ 3G: Band 1, 3, 8 ▪ 2G: Band 3, 8 AIW-343FQ-J01 ▪ 4G: Band 1, 3, 5, 8, 9, 18, 19, 26, 28 ▪ 3G: Band 1, 5, 6, 8, 19 AIW-343FQ-N01 ▪ 4G: Band 2, 4, 5, 12, 13, 14, 66, 71 ▪ 3G: Band 2, 4, 5
Data Throughput	4G/ LTE Cat.4 (LTE: 150Mbps DL, 50Mbps UL)
Interface	PCI Express mini-card
Operation Voltage	3.3V~3.6V (3.3V recommended)
Power Consumption	Idle mode: <5mA (USB disabled); <30mA (USB enabled)
Supported O.S	Windows10, Linux
Temperature Ranges	Operation: Normal: -20°C ~ +55°C / -4°F ~ 131°F; Extended: -40°C ~ +85°C / -40°F ~ 185°F
Dimensions (L x W x H)	50.95 x 29.9 x 3.2 mm / 2 x 1.17 x 0.125 in (Version with SIM holder : 4.62 mm / 0.18 in)

研伟科技 15251716600

Ordering Information

Part No.	Product Description
AIW-343 FQ-E01	LTE/HSPA+/GPRS module, with GPS, for EU
AIW-343 FQ-J01	LTE/HSPA+/GPRF module, with GPS, for JP
AIW-343 FQ-N01	LTE/HSPA+/GPRF module, with GPS, for US

Suggested Antenna and Cable

Part No.	Specifications
1751000360-01	GPS BeiDou antenna, 200mm / 7.87 in
1751000361-01	GPS BeiDou antenna, 500mm / 19.68 in
1750006264	Coaxial Cable, 15 cm / 5.9 in, SMA (F) to MHF
1750006009	Coaxial Cable, 25 cm / 9.8 in, SMA (F) to MHF
1750008303-01	4G/LTE full band dipole antenna, 130 mm / 5.11 in

All product specifications are subject to change without notice.