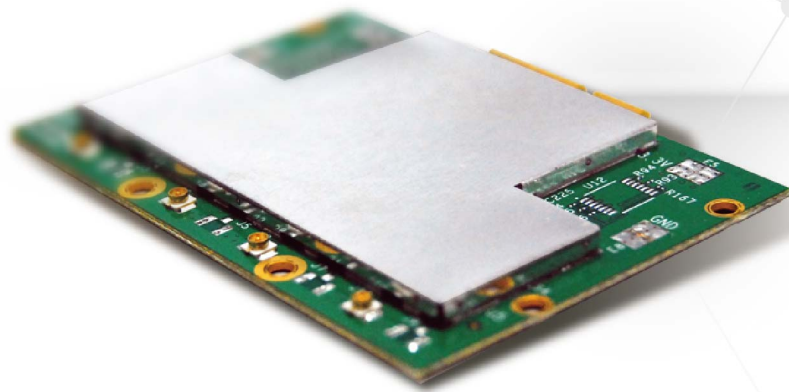




AC-923

802.11b/g/n (4X4) PCI Express Mini Card



The AC-923 is an IEEE 802.11b/g/n wireless embedded module that delivers exceptional wireless performance. This wireless module is available on an IEEE 802.11b/g/n 4x4 mPCIe card.

HARDWARE

Standards	• IEEE 802.11b/g/n
Host Interface	• mini PCIe
Operating Voltage	• DC 3.3V & 5V \pm 5%
Operating Frequency	• FCC: 2.412 GHz – 2.462 GHz • CE: 2.412 GHz – 2.472 GHz
Data Modulation Type	• IEEE 802.11 b/g: DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16-QAM, 64-QAM) • IEEE 802.11n OFDM (BPSK, QPSK, 16-QAM, 64-QAM) • 256-QAM
Supported Data Rates	• IEEE 802.11b/g/n 11b: 20 dBm 11g: 20 dBm 11n: 22 dBm
Receive Sensitivity	• IEEE 802.11g/n 11g: -91 dBm @ 6Mbps 11n: -92 dBm @ HT20
Antenna Connector	• 4 U.FL

DIMENSIONS & WEIGHT

Dimensions	• 73.66 (L) \times 47.6 (D) mm
Weight	• \leq 15g

ENVIRONMENT

Operating	• Temperature: -30 – 60 °C • Humidity: 90% RH (non-condensing)
Storage	• Temperature: -40 – 70 °C • Humidity: 10 – 90% RH
