

# AirRunner XI-300B PC Card

## 11 Mbps Wireless PC Card (Integrated Antenna)

The XI-300B is a high performance IEEE 802.11b compliant wireless network PC Card. The XI-300B installs easily into any system via a PC Card Type II slot. Based on 2.4 GHz Direct Sequence Spread Spectrum (DSSS) technology, the 11 Mbps XI-300 delivers outstanding throughput and is interference resistant. The XI-300 supports MS Windows 9x/ME/NT/2000/CE 3.0 and Linux. Advanced tools for site survey, configuration and management are included to aid and accelerate the installation process.

With excellent price / performance ratio and field-proven reliability, the XI-300B is a superb choice for applications requiring enhanced wireless capabilities.

Specification	
Frequency Range	2412-2484 MHz
Modulation	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK) IEEE 802.11b
Data Rate	11, 5.5, 2 or 1 Mbps, auto-select
Channels	US: 11, ETSI: 13, Japan: 14, France: 4, Spain: 2
RF Power Output	13dBm +/- 1dBm
Sensitivity	-91 dBm (1 Mbps) / -83 dBm (11 Mbps) @ <0.08 PER
Range (open space)	1300 ft @ 1 Mbps, 460 ft @ 11 Mbps
Media Access Protocol	CSMA/CA + ACK
Antenna	Integrated patch antenna
Interface	16-bit PC Card
Power Requirement	5V, Transmit: 350 mA, Receive: 250 mA, Sleep: 17 mA
Network Architecture	Infrastructure, Ad-hoc
Management	Windows-based utility
WEP	40-bit, 128-bit
LED Indicators	2 LEDs: Power, WLAN
Regulatory Compliance	FCC, CE/ETSI, TELEC, UL, CSA, TUV. Call for additional compliance data
Dimension (L x W x H)	86mm x 54mm x 5mm
Environments	0-60 degrees C, 0-90% relative humidity, non-condensing

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Features	Benefits
PC Card Interface	Integrates easily to vertical and industrial applications
11 Mbps Wireless Network	Provides mobile connectivity to network data and resources
2.4 GHz Direct Sequence Spread Spectrum	Advanced RF technology is interference resistant
Range up to 1300 ft outdoor (1 Mbps)	Extended coverage area
Plug And Play Installation	Simplifies setup
Advanced Management Utility	Total control of wireless network adapter
License-Free	Easy to deploy, zero transmission cost
Sealed integrated patch antenna	Automatically selects the best available signal
40/128-bit Wired Equivalent Privacy (WEP)	Strong encryption provides security equivalent to wired network
LED Indicators	Facilitates installation and diagnostic
Automatic Roaming	Move from cell to cell with full-time connectivity