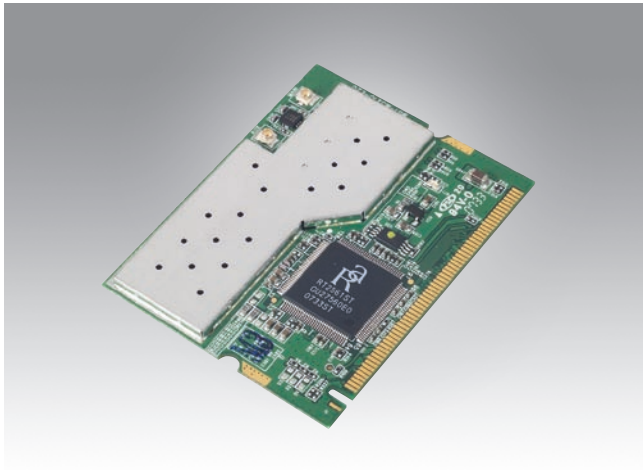


# WiFi-103

## MINI PCI 802.11 a/b/g Card



### Features

- Up to 54 Mbps data rate
- 64/128-bit WEP encryption and advanced WPA/WPA2 for WLAN security
- Supports IPSec with DES/3DES/AES encryption and MD5/SHA-1 authentication
- Drivers for Windows Vista/WinXP/WinCE, and Linux 2.6



### Introduction

WiFi-103 conforms to embedded 802.11 a/b/g and MINI PCI<sup>®</sup> standards, and is designed to provide industrial PC systems with a cost-effective, turn-key embedded WiFi solution.

### Specifications

Standard	IEEE 802.11a, 802.11b, 802.11g
Interface	Mini PCI Type III A
Frequency Range	2.412 GHz ~ 2.4835 GHz
	5.15 GHz ~ 5.724 GHz
	5.725 GHz ~ 5.825 GHz
Data Rates	802.11b: 11, 5.5, 2, 1Mbps
	802.11g/a: 54, 48, 36, 24, 18, 12, 9, 6Mbps
Number of Channels	USA, Canada (FCC): 23 channels
	Europe (CE): 32 channels (by regions)
	Japan (TELEC): 14 channels
Modulation	DSSS, OFDM, DBPSK, DQPSK, CCK, 16-QAM, 64-QAM
RF Output Power	802.11a: 15-17 dBm
	802.11b: 18-20 dBm
	802.11g: 15-17 dBm
Dimension (mm)	59.6 (L) x 46.6 (W) mm
Antenna	Single I-path antenna port
Power Consumption	Operation @ 11a TX: 470mA
	Operation @ 11b TX: 480mA
	Operation @ 11g TX: 420mA
	RX a/b/g mode: Max: 200mA Idle a/b/g mode : Max: 130mA
Humidity	15% ~ 95%
Operating Temperature	0 ~ 60° C

### Packing List

Description	Quantity
MINI PCI WiFi Interface Card	x 1
CD-ROM (User's Manual; Utility)	x 1

### Ordering Information

Part Number	Specifications
968EMW0016	MINI PCI 802.11 a/b/g Card