PRO RANGE

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ProRange9

900MHz High Power mini PCI Module

Technical Specifications

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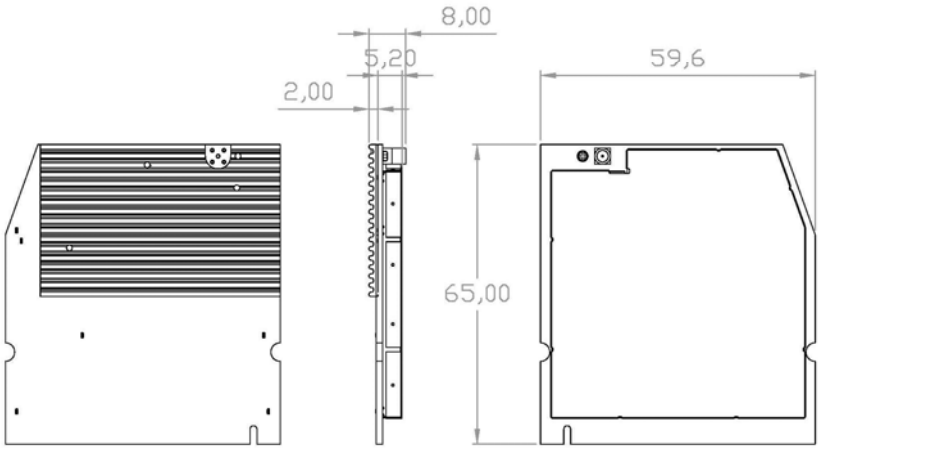
Card Information



Chipset

Atheros AR5006XS, AR5414

Operating Frequency

907 ~ 922MHz

card frequency be in the driver to translate to each channel

2.427GHz ~ 2.442GHz (CH4 ~ CH7), map to 907 ~ 922MHz

Radio RF Specifications

		TX Specification		RX Specification	
	Data Rate	**TX Power**	**Current**	**Sensitivity**	**Current**
802.11g	6 Mbps	27±1.5 dBm	1200 ± 100 mA	-91±2.0 dBm	400 mA
	36 Mbps	24±1.5 dBm	1000 ± 100 mA	-82±2.0 dBm	400mA
	48 Mbps	21±1.5 dBm	900 ± 100 mA	-74±2.0 dBm	400 mA
	54 Mbps	18±1.5 dBm	800 ± 100 mA	-71±2.0 dBm	400 mA
802.11b	1 Mbps	27±1.5 dBm	1200 ± 100 mA	-93±2.0 dBm	400 mA
	2 Mbps	27±1.5 dBm	1200 ± 100 mA	-92±2.0 dBm	400 mA
	5.5 Mbps	27±1.5 dBm	1200 ± 100 mA	-91±2.0 dBm	400 mA
	11 Mbps	27±1.5 dBm	1200 ± 100 mA	-90±2.0 dBm	400 mA

Card Information

Antenna Interface	MMCX Connector
Operating Voltage	3.3V+/- 0.15V
Operating Temperature	-40°C to +80°C

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