

## ProRange7

700MHz High Power mini PCI Module

### Technical Specifications

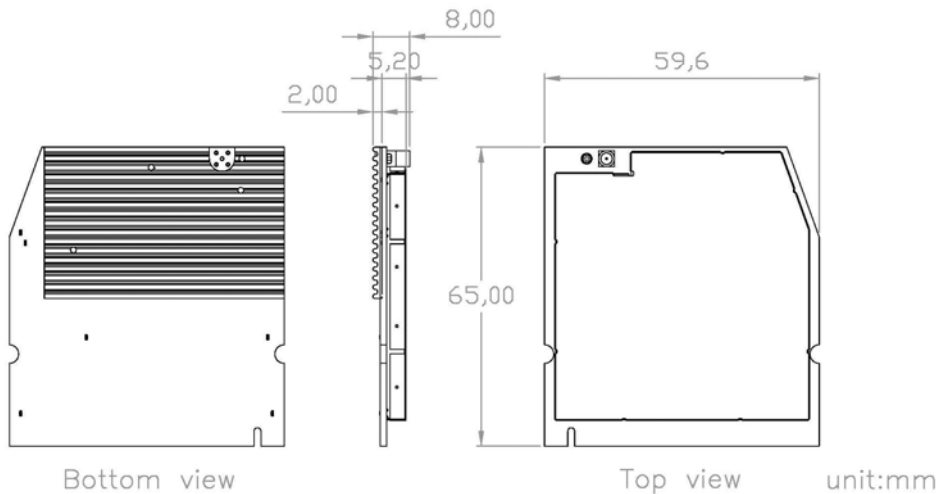
Dimensions

Chipset

Operating Frequency

Radio RF Specifications

Card Information



#### Chipset

Atheros AR5006XS, AR5414

#### Operating Frequency

763 ~ 778MHz

card frequency be in the driver to translate to each channel

2.427GHz ~ 2.442GHz (CH4 ~ CH7), map to 763 ~ 778MHz

#### Radio RF Specifications

	Data Rate	TX Specification		RX Specification	
		TX Power	Current	Sensitivity	Current
802.11g	6 Mbps	28±1.5 dBm	1200 ± 100 mA	-92±2.0 dBm	400 mA
	36 Mbps	24±1.5 dBm	1000 ± 100 mA	-82±2.0 dBm	400mA
	48 Mbps	22±1.5 dBm	900 ± 100 mA	-75±2.0 dBm	400 mA
	54 Mbps	19±1.5 dBm	800 ± 100 mA	-72±2.0 dBm	400 mA
802.11b	1 Mbps	28±1.5 dBm	1200 ± 100 mA	-95±2.0 dBm	400 mA
	2 Mbps	28±1.5 dBm	1200 ± 100 mA	-93±2.0 dBm	400 mA
	5.5 Mbps	28±1.5 dBm	1200 ± 100 mA	-91±2.0 dBm	400 mA
	11 Mbps	28±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