

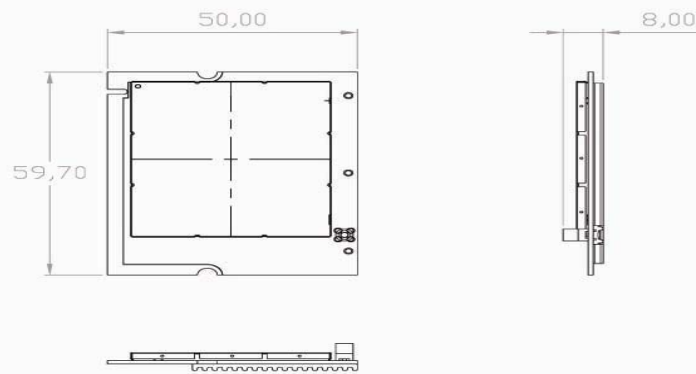


## UltraRange9

2.4/5GHz High Power mini PCI Module

### Technical Specifications

- Dimensions
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#### Chipset

Atheros AR5006XS, AR5414

#### Host Interface

32-bit Mini PCI, Type III A

#### Radio RF Specifications

	Data Rate	TX Specification		RX Specification	
		TX Power	Current	Sensitivity	Current
802.11a	6 Mbps	24±1.5 dBm	1900 ± 200 mA	-92±2.0 dBm	350 mA
	36 Mbps	22±1.5 dBm	1600 ± 200 mA	-80±2.0 dBm	350 mA
	48 Mbps	21±1.5 dBm	1400 ± 200 mA	-78±2.0 dBm	350 mA
	54 Mbps	20±1.5 dBm	1200 ± 200 mA	-74±2.0 dBm	350 mA
802.11g	6 Mbps	28±1.5 dBm	1700 ± 200 mA	-92±2.0 dBm	350 mA
	36 Mbps	26±1.5 dBm	1450 ± 200 mA	-82±2.0 dBm	350 mA
	48 Mbps	25±1.5 dBm	1300 ± 200 mA	-78±2.0 dBm	350 mA
	54 Mbps	24±1.5 dBm	1250 ± 200 mA	-74±2.0 dBm	350 mA
802.11b	1 Mbps	28±1.5 dBm	1700 ± 200 mA	-96±2.0 dBm	350 mA
	2 Mbps	28±1.5 dBm	1700 ± 200 mA	-95±2.0 dBm	350 mA
	5.5 Mbps	28±1.5 dBm	1700 ± 200 mA	-93±2.0 dBm	350 mA
	11 Mbps	28±1.5 dBm	1700 ± 200 mA	-92±2.0 dBm	350 mA

#### Card Information

Antenna Interface	MMCX Connector
Dimension	59.7 X 50.0 X 8.0 mm (including heatsink)
Operating Voltage	3.3V±/ 0.15V
Operating Temperature	-40°C to +80°C