



UltraRange2

2.4GHz High Power mini PCI Module

Technical Specifications

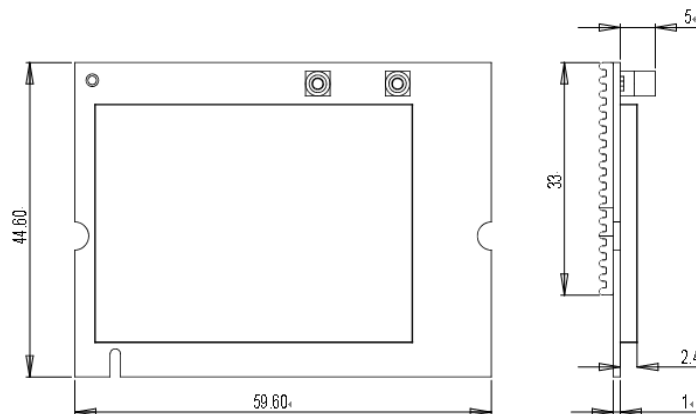
Dimensions

Chipset

Host Interface

Radio RF Specifications

Card Information



Chipset

Atheros, AR2414

Host Interface

32-bit Mini PCI, Type III B

Radio RF Specifications

	TX Specification			RX Specification	
	Data Rate	TX Power	Current	Sensitivity	Current
802.11g	6 Mbps	28±1.5 dBm	1650 ± 200 mA	-94±2.0 dBm	350 mA
	36 Mbps	26±1.5 dBm	1400 ± 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	1650 ± 200 mA	-98±2.0 dBm	350 mA
	2 Mbps	28±1.5 dBm	1650 ± 200 mA	-97±2.0 dBm	350 mA
	5.5 Mbps	28±1.5 dBm	1650 ± 200 mA	-95±2.0 dBm	350 mA
	11 Mbps	28±1.5 dBm	1650 ± 200 mA	-94±2.0 dBm	350 mA

Card Information

Antenna Interface	MMCX Connector
Dimension	59.6 X 44.6 X 8.0 mm (including heatsink)
Operating Voltage	3.3V±/ 0.15V
Operating Temperature	-40°C to +80°C