

High power, High sensitivity 5 GHz Wifi Card SR5

Description

The SR5, 802.11a mini-PCI card with patent-pending Super Range radio technology has been designed from the ground up specifically for outdoor wireless. Providing the best Radio card at 5 GHz available on the market. The high transmit power and high receiver sensitivity will add many dB to your link budget. An industry standard Atheros AR 5213 MAC/BB with a Atheros AR2112 ROC provides easy integration. Standard with U.FL or MMCX connector. SMA female connector Optional.

Specification

Power Consumption (Extreme)

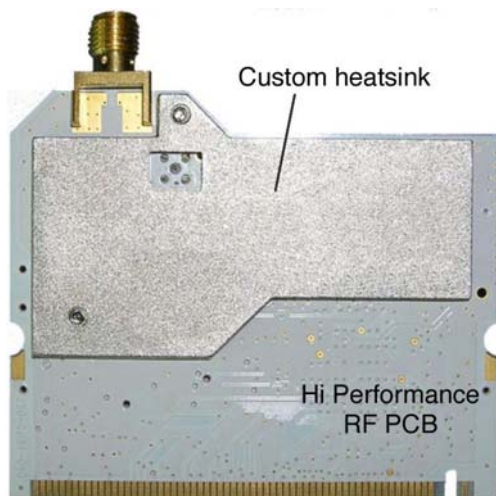
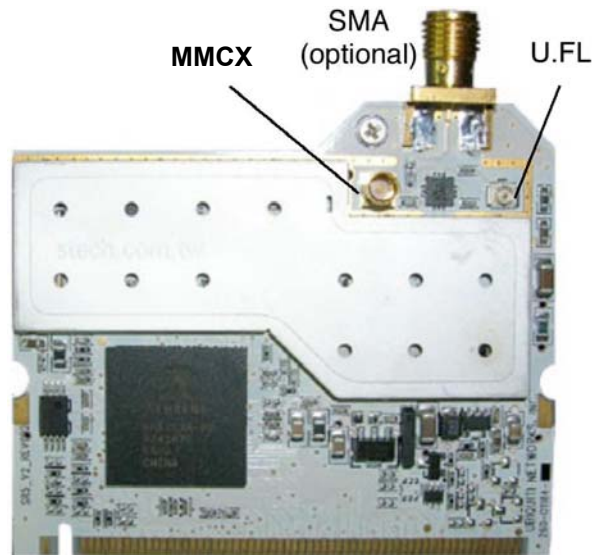
Transmit	4.7W, +/- 300mW
Receive	1.2W, +/- 200mW

Temperature Rating

Storage	-70 - +85 C
Operation	-40 - +60C

Transmit Power

6-24 Mbps	26 dBm, +/- 1dB
36 Mbps	24 dBm, +/- 1dB
48 Mbps	22 dBm, +/- 1dB
54 Mbps	21 dBm, +/- 1dB



Receive Sensitivity

Rate	Level
6 Mbps	-94 dBm, +/- 2dB
9 Mbps	-93 dBm, +/- 2dB
12 Mbps	-91 dBm, +/- 2dB
18 Mbps	-90 dBm, +/- 2dB
24 Mbps	-86 dBm, +/- 2dB
36 Mbps	-83 dBm, +/- 2dB
48 Mbps	-77 dBm, +/- 2dB
54 Mbps	-74 dBm, +/- 2dB

The SR5 card will work seamlessly with any system and software that currently supports Atheros AR5004 mini-PCI cards. Maximum output power will appear as default irrespective of what the driver reports. Compatibility with many platforms has been verified including:

