



High power, High sensitivity 2,4 GHz Wifi Card SR2

Hi-performance 2.4 GHz 802.11b/g mini-PCI module

Designed for outdoor wireless applications

Super range radio technology

Compatibility with many platforms

Ideal for long range

With improved output power

High power up to 400 mW @ 24 Mbps/s

Better sensitivity over standard wireless cards

MMCX and UFL connector for extra compatibility



Specification

Power Consumption (Extreme)

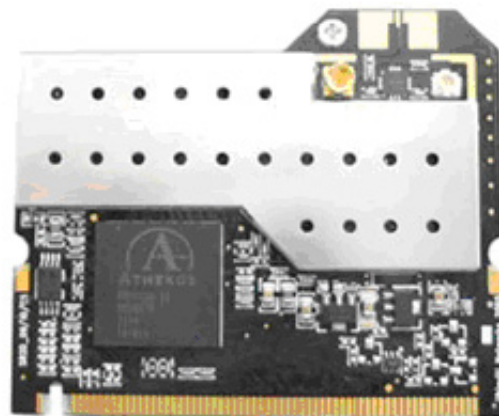
| | |
|----------|-----------------|
| Transmit | 4.7W, +/- 300mW |
| Receive | 1.2W, +/- 200mW |

Temperature Rating

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

Transmit Power

| | |
|-----------|-----------------|
| 1-24 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 | -93 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 SR2 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:

