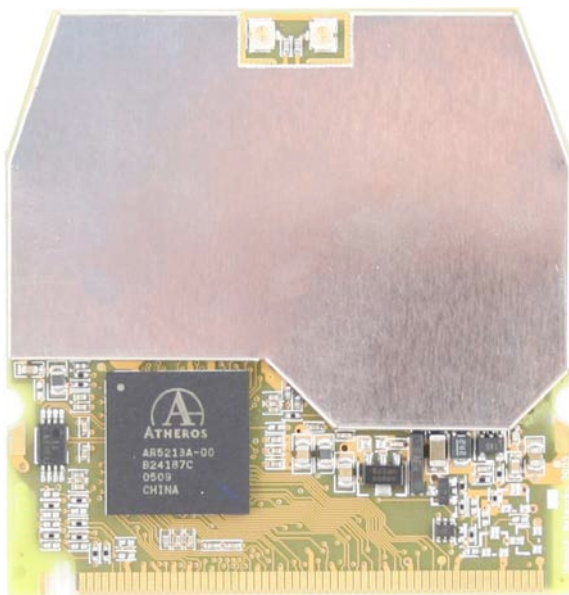


The SuperRange3 Mini-PCI card is the first wireless module specifically designed for the new unlicensed 3.6GHz frequency band. It allows WISP's to deploy carrier-grade networks while maintaining the attractive costs comparable to equipment found in the crowded 2.4GHz and 5GHz spectrum. Additionally, a special version of the SR3 is available for the popular 3.5GHz licensed band.

700mW 54Mbps 3.6GHz



COMPATIBILITY INFORMATION

The SR3 card is made to work seamlessly with existing systems supporting the Atheros AR5213 MAC/BB chipset. Ubiquiti will be officially qualifying a number of operating systems for use. Please check the support area at www.ubnt.com for up to date information.

FEATURES/PERFORMANCE

Chipset

Atheros AR5213 MAC/BB
Ubiquiti Frequency Freedom G1

Transmit Power

Rate	Power
1-24 Mbps	28 dBm, +/- 1dB
36 Mbps	26 dBm, +/- 1dB
48 Mbps	24 dBm, +/- 1dB
54 Mbps	23 dBm, +/- 1dB

Current Consumption @3.3V

Transmit	
1-24 Mbps	1200mA, +/-100mA
36 Mbps	900mA, +/-100mA
48 Mbps	700mA, +/-100mA
54 Mbps	600mA, +/-100mA
Receive	400mA, +/-50mA

Receive Sensitivity

Rate	Level
1 Mbps	-93 dBm, +/- 2dB
2 Mbps	-92 dBm, +/- 2dB
5.5 Mbps	-91 dBm, +/- 2dB
6 Mbps	-90 dBm, +/- 2dB
9 Mbps	-89 dBm, +/- 2dB
11 Mbps	-88 dBm, +/- 2dB
12 Mbps	-87 dBm, +/- 2dB
18 Mbps	-86 dBm, +/- 2dB
24 Mbps	-82 dBm, +/- 2dB
36 Mbps	-79 dBm, +/- 2dB
48 Mbps	-73 dBm, +/- 2dB
54 Mbps	-70 dBm, +/- 2dB

Compliance

FCC Part 15.247

Temperature Rating

Storage	-70 - +85 C
Operation	-20 - +60C