


# R5SHPn

## The ultimate long haul device

The new 5GHz super high power wireless card for long range links and powerful access points. This is the professional choice for reaching the last mile. 800mW transmit power will give you the ability to reach even further than before. Up to 125Mbit throughput is possible with this device!

The card features built-in LED indicators for wireless mode, connection status (connected, searching, disabled), TX and RX activity and wireless signal strength - just looking at the card will help with installation and alignment.

The card comes with a preinstalled industrial grade heatsink, one MMCX connector and nine LED indicator lights.




| Specifications | |
|---|---|
| Chipset | AR9220 |
| Frequency range | 4800-6075Mhz |
| Standards | 802.11a/n |
| Max output power | 800mW |
| Format | miniPCI |
| Dimensions | 60x60x19mm (incl. heatsink) |
| Connectors | 1x MMCX (single chain) |
| Features | 9 LED indicators,<br>ESD protection |
| Temperature | Starting -5C to +65C (23 to 149F)<br>Operating -30C to +65C (-22 to 149F) |
| Power consumption | Up to 10W at maximum power |

| 802.11a | RX Sensitivity | TX Power |
|---|---|---|
| 6Mbit | -93 | 29dBm |
| 24Mbit | -89 | 27dBm |
| 36Mbit | -81 | 27dBm |
| 48Mbit | -79 | 27dBm |
| 54Mbit | -77 | 25dBm |
| 802.11n | | |
| MCS0 20MHz | -93 | 28dBm |
| MCS0 40MHz | -89 | 29dBm |
| MCS7 20MHz | -74 | 24dBm |
| MCS7 40MHz | -71 | 24dBm |