

Longhaul R5-SHPn

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, ESD protection
Temperature	Starting -5C to +65C (23 to 149F) 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	-77	27dBm
36Mbit	-77	27dBm
48Mbit	-77	27dBm
54Mbit	-77	25dBm
802.11n		
MCS0 20MHz	-93	28dBm
MCS0 40MHz	-89	29dBm
MCS7 20MHz	-74	24dBm
MCS7 40MHz	-71	24dBm