QRT 5 ac

The QRT 5 ac is a rugged outdoor flat panel antenna, with a built in RouterBOARD. The device has a **24 dBi** antenna and a high power 5 GHz wireless transmitter which now supports 802.11ac and is also backwards compatible with 802.11a/n.

Inside is the high power RB911G-5HPacD dual chain wireless device (see separate brochure), with high performance, high output power wireless transmitter. It has a Gigabit Ethernet port, to fully utilise the benefit of 802.11ac high speed wireless.

Easy to use and quick to deploy, QRT is ideal for longer point to point links at 802.11ac speeds.



Included



24 V 0.8 A power adapter



K-QRT screw kit



QRT antenna mount



Gigabit PoE injector



U bolts



U mast clamp

Specifications

Product code	RB911G-5HPacD-QRT
CPU nominal frequency	720 MHz
CPU core count	1
Size of RAM	128 MB
10/100/1000 Ethernet ports	1
Wireless chip model	QCA9882
Wireless standards	802.11ac
Wireless regulations	Specific frequency range may be limited by country regulations
Number of chains	2
RF connector type	MMCX
Max Power consumption	11.5W
Supported channels	20/40/80MHz
Supported input voltage	8V - 30V
Voltage Monitor	Yes
PCB temperature monitor	Yes
Dimensions	309 x 320 x 50mm
Operating System	RouterOS
Operating temperature range	-30C to +60C
License level	4
CPU	QCA9557-AT4A-R
Suggested price	$199

Antenna

Frequencies	4.9-5.875 GHz
Gain	24 dBi
VSWR	1.37 : 1
3 dB Beam-Width, H-Plane	10.5°
3 dB Beam-Width, E-Plane, typ	10.5°
Polarization	Dual, Vertical and horizontal
Port to Port Isolation	-50 dB
Cross polarization, min	-25 dB
Front to Back Ratio, min	35 dB

Wireless specifications

TX power / RX sensitivity	
TX/RX at MCS0	30 dBm / -96 dBm
TX/RX at MCS7	24 dBm / -78 dBm
TX/RX at 6Mbit	30 dBm / -96 dBm
TX/RX at 54Mbit	27 dBm / -80 dBm
Frequency range	4920-6100 MHz