



Frequencies	2.3-2.6 GHz
Gain	17dBi
VSWR	1.43 : 1
3 dB Beam-Width, H-Plane	22°
3 dB Beam-Width, E-Plane, typ.	22°
Polarization	Dual, Vertical and horizontal
Port to Port Isolation	-50 dB
Cross Polarization, min.	-25 dB
Front to Back Ratio, min.	30 dB

QRT 2

High power integrated antenna

The QRT 2 is a rugged outdoor flat panel antenna, with a built in RouterBOARD. The device has a 17dBi antenna and a super high power 2GHz wireless transmitter.

Inside is a new dual chain wireless device, with high performance, high output power wireless transmitter, and a Gigabit Ethernet port, to fully utilize the benefit of 802.11n high speed wireless.

Easy to use and quick to deploy, QRT is ideal for point to point links.

Model	QRT 2 (RBQRTG-2SHPnD)
Features	1 Ethernet, Gigabit, High power, Dual chain
CPU	Atheros AR9342 600MHz network processor
Memory	64MB DDR onboard memory
Data storage	16MB FLASH memory chip
Ethernet	One Gigabit port with Auto-MDI/X
Wireless	Built in 2GHz 802.11b/g/n (AR9342)
Wireless regulations	Specific frequency range may be limited by country regulations
Extras	beeper, signal and status LEDs, voltage and temperature sensors
Expansion	-
Power options	PoE: 13-30V DC on Ether1 (Non 802.3af).
Dimensions	309x320x50mm
Max consumption	11W at 24V
OS	MikroTik RouterOS, Level4 license (supports wireless CPE/PtP and AP mode)
Included	QRT wireless device, precision mounting bracket, U bolts, pole clamp, screw kit, 24V 1.2A power adapter, Gigabit PoE injector

	TX power / RX sensitivity
TX/RX at MCS0	35dBm / -96dBm
TX/RX at MCS7	30dBm / -78dBm
TX/RX at 1Mbit	35dBm / -100dBm
TX/RX at 6Mbit	35dBm / -96dBm
TX/RX at 54Mbit	31dBm / -80dBm
Frequency range	2300-2600MHz

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



Frequencies	4.9-5.875 GHz
Gain	24 ± 1 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

QRT 5

High power integrated antenna

The QRT 5 is a rugged outdoor flat panel antenna, with a built in RouterBOARD. The device has a 24dBi antenna and a high power 5GHz wireless transmitter.

Inside is the high power RB911 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 802.11n high speed wireless.

Easy to use and quick to deploy, QRT is ideal for point to point links.

Model	QRT 5 (RB911G-5HPnD-QRT)
Features	1 Ethernet, Gigabit, High power, Dual chain
CPU	Atheros AR9342 600MHz network processor
Memory	64MB DDR onboard memory
Data storage	128MB NAND memory chip
Ethernet	One Gigabit port with Auto-MDI/X
Wireless	Built in 5GHz 802.11a/n (AR9342)
Wireless regulations	Specific frequency range may be limited by country regulations
Extras	beeper, signal and status LEDs, voltage and temperature sensors
Expansion	-
Power options	PoE: 8-30V DC on Ether1 (Non 802.3af).
Unit dimensions	309x320x50mm
Max consumption	11W at 24V
OS	MikroTik RouterOS, Level4 license (supports wireless CPE/PtP and AP mode)
Included	QRT wireless device, precision mounting bracket, U bolts, pole clamp, screw kit, 24V 0.8A power adapter, Gigabit PoE injector

	TX power / RX sensitivity
TX/RX at MCS0	30dBm / -96dBm
TX/RX at MCS7	24dBm / -78dBm
TX/RX at 6Mbit	30dBm / -96dBm
TX/RX at 54Mbit	27dBm / -80dBm
Frequency range	4900-5920MHz