

## Specifications

Details	
Product code	RBwAPR-2nD
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	185x85x30 mm
RouterOS license	4
Operating System	<a href="#">RouterOS</a>
Size of RAM	64 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 60°C

## Wireless capabilities

Details	
Wireless 2.4 GHz Max data rate	300 Mbit/s
Wireless 2.4 GHz number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n
Antenna gain dBi for 2.4 GHz	2
Wireless 2.4 GHz chip model	QCA9531
Wireless 2.4 GHz generation	Wi-Fi 4

## Ethernet

Details	
10/100 Ethernet ports	1

## Peripherals

### Details

Number of SIM slots	1 Modem (Mini SIM)
MiniPCI-e slots	1

## Powering

### Details

Number of DC inputs	3 (Automotive, DC jack, PoE-IN)
DC jack input Voltage	9-30 V
Automotive input Voltage	9-30 V
Max power consumption	6 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	9-30 V

## Certification & Approvals

### Details

Certification	CE, FCC, IC, E-MARK, EAC, ROHS
IP	IP54

## Other

### Details

PCB temperature monitor	Yes
Voltage Monitor	Yes

## Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	22	-96
11MBit/s	22	-89
6MBit/s	20	-93
54MBit/s	18	-74

2.4 GHz	Transmit (dBm)	Receive Sensitivity
MCS0	20	-93
MCS7	16	-71