

## Specifications

Details	
Product code	RBMetalG-52SHPacn
Architecture	MIPSBE
CPU	QCA9556
CPU core count	1
CPU nominal frequency	720 MHz
Dimensions	215x60x38mm
RouterOS license	4
Operating System	<a href="#">RouterOS</a>
Size of RAM	64 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40°C to 70°C

## Powering

Details	
Number of DC inputs	1 (PoE-IN)
Max power consumption	11 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	10-30 V

## Wireless specifications

Details	
Wireless 2.4 GHz/5 GHz Max data rate	433 Mbit/s
Wireless 2.4 GHz/5 GHz number of chains	1
Wireless 2.4 GHz/5 GHz standards	802.11a/n/ac, 802.11b/g/n

### Details

Antenna gain dBi for 2.4 GHz/5 GHz	6
Wireless 2.4 GHz/5 GHz chip model	QCA9889
Wireless 2.4 GHz/5 GHz generation	Wi-Fi 5

## Ethernet

### Details

10/100/1000 Ethernet ports	1
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## Other

### Details

PCB temperature monitor	Yes
Voltage Monitor	Yes

## Certification & Approvals

### Details

Certification	CE, FCC, IC, EAC, ROHS
IP	IP55

## Wireless specifications

5 GHz	Transmit (dBm)	Receive Sensitivity
6MBit/s	31	-93
54MBit/s	27	-78
MCS0	30	-93
MCS7	26	-74
MCS9	22	-69
2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	31	-97
11MBit/s	31	-91
6MBit/s	31	-93
54MBit/s	28	-77

5 GHz	Transmit (dBm)	Receive Sensitivity
MCS0	31	-93
MCS7	27	-72