

## Specifications

Details	
Product code	RBD52G-5HacD2HnD-TC
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	716 MHz
Dimensions	34 x 119 x 98mm
RouterOS license	4
Operating System	<a href="#">RouterOS</a>
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 50°C
IPsec hardware acceleration	Yes

## 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	2.5
Wireless 2.4 GHz chip model	IPQ-4018
Wireless 2.4 GHz generation	Wi-Fi 4
Wireless 5 GHz Max data rate	867 Mbit/s
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac
Antenna gain dBi for 5 GHz	2.5
Wireless 5 GHz chip model	IPQ-4018
Wireless 5 GHz generation	Wi-Fi 5

### Details

AC speed	AC1200
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## Ethernet

### Details

10/100/1000 Ethernet ports	5
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## Peripherals

### Details

Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB type A
Max USB current (A)	1

## Powering

### Details

Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	12-30 V
Max power consumption	21 W
Max power consumption without attachments	16 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	18-28 V

## Certification & Approvals

### Details

Certification	CE, FCC, IC, EAC, ROHS
IP	IP20

## Other

## Details

Mode button	Yes
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## Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	27	-100
11MBit/s	27	-94
6MBit/s	27	-96
54MBit/s	24	-78
MCS0	27	-96
MCS7	23	-73
5 GHz	Transmit (dBm)	Receive Sensitivity
6MBit/s	26	-96
54MBit/s	22	-80
MCS0	26	-96
MCS7	21	-75
MCS9	19	-70