

## Specifications

Details	
Product code	RB952Ui-5ac2nD-TC
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	34 x 119 x 98mm
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	-30°C to 70°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
Wireless 5 GHz Max data rate	433 Mbit/s
Wireless 5 GHz number of chains	1
Wireless 5 GHz standards	802.11a/n/ac
Antenna gain dBi for 5 GHz	2
Wireless 5 GHz chip model	QCA9887
Wireless 5 GHz generation	Wi-Fi 5
AC speed	AC750

## Ethernet

### Details

10/100 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	10-28 V
Max power consumption	20 W
Max power consumption without attachments	8 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	10-28 V

## PoE-out

### Details

PoE-out ports	Ether5
PoE out	Passive PoE
Max out per port output (input 18-30 V)	500 mA
Max total out (A)	500 mA

## Certification & Approvals

## Details

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

## 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
MCS0	20	-93
MCS7	16	-71
5 GHz	Transmit (dBm)	Receive Sensitivity
6MBit/s	23	-93
54MBit/s	20	-75
MCS0	23	-93
MCS7	19	-71
MCS9	16	-63