

## Specifications

### Details

Product code	RB941-2nD-TC
Architecture	SMIPS
CPU	QCA9533
CPU core count	1
CPU nominal frequency	650 MHz
RouterOS license	4
Operating System	<a href="#">RouterOS</a>
Size of RAM	32 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-20°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	1.5
Wireless 2.4 GHz chip model	QCA9533
Wireless 2.4 GHz generation	Wi-Fi 4

## Ethernet

### Details

10/100 Ethernet ports	4
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## Powering

### Details

MicroUSB input Voltage	5-5 V
Number of DC inputs	1 (MicroUSB)
Max power consumption	3.5 W
Cooling type	Passive

## Certification & Approvals

### Details

Certification	FCC, IC
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## 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