

## Specifications

Details	
Product code	RB951Ui-2nD
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	113 x 89 x 28mm
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	1.5
Wireless 2.4 GHz chip model	QCA9531
Wireless 2.4 GHz generation	Wi-Fi 4

## Ethernet

Details	
10/100 Ethernet ports	5

## 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	5 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

<b>2.4 GHz</b>	<b>Transmit (dBm)</b>	<b>Receive Sensitivity</b>
11MBit/s	22	-89
6MBit/s	20	-93
54MBit/s	18	-74
MCS0	20	-93
MCS7	16	-71