

Specifications

Details	
Product code	RB924i-2nD-BT5&BG77
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	122 x 87 x 26 mm
RouterOS license	4
Operating System	RouterOS
Size of RAM	64 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 70°C

Powering

Details	
MicroUSB input Voltage	5-5 V
Number of DC inputs	3 (PoE-IN, DC jack, MicroUSB)
DC jack input Voltage	12-57 V
Max power consumption	18 W
Max power consumption without attachments	5 W
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	12-57 V

PoE-out

Details	
PoE-out ports	Ether2

Details

PoE out	802.3af/at
Total output power	12W

Wireless specifications

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	2
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Peripherals

Details

Number of SIM slots	1 Modem (Nano SIM)
Serial console port	RS485
Number of USB ports	1
USB slot type	microUSB type AB
Max USB current (A)	1

Other

Details

PCB temperature monitor	Yes
Voltage Monitor	Yes
Bluetooth version	5.2

Details

Bluetooth RF connector type	uUFL
GPS RF connector type	SMA

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