

Specifications

Details	
Product code	RBmAP2nD
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	68x68x19mm
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	-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	1.2
Wireless 2.4 GHz chip model	QCA9531
Wireless 2.4 GHz generation	Wi-Fi 4

Ethernet

Details	
10/100 Ethernet ports	2

Peripherals

Details

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

Powering

Details

MicroUSB input Voltage	5-5 V
Number of DC inputs	3 (DC jack, PoE-IN, MicroUSB)
DC jack input Voltage	8-57 V
Max power consumption	5 W
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	12-57 V

PoE-out

Details

PoE-out ports	Ether2
PoE out	Passive PoE
Max out per port output (input 18-30 V)	0.5 A
Max total out (A)	0.5 A

Certification & Approvals

Details

Certification	FCC, IC
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Other

Details

PCB temperature monitor	Yes
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Details

Voltage Monitor	Yes
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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