

Specifications

Details	
Product code	RBwAP2nD-BE
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	185 x 85 x 30 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	-40C to +70C

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

Ethernet

Details	
10/100 Ethernet ports	1

Powering

Details

Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	11-57 V
Max power consumption	4 W
PoE in	802.3af/at
PoE in input Voltage	11-57 V

Certification & Approvals

Details

Certification	FCC, IC
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