Specifications

Details	
Product code	RBwAPG-5HacD2HnD
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	488-896 (auto) MHz
Dimensions	185 x 85 x 30 mm
RouterOS license	4
Operating System	RouterOS
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 70°C
IPsec hardware acceleration	Yes

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	2.5
Wireless 2.4 GHz chip model	IPQ-4018
Wireless 2.4 GHz generation	Wi-Fi 4
Wireless 5 GHz Max data rate	867 Mbit/s
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac
Antenna gain dBi for 5 GHz	2.5
Wireless 5 GHz chip model	IPQ-4018
Wireless 5 GHz generation	Wi-Fi 5

Details	
AC speed	AC1200

Ethernet

Details	
10/100/1000 Ethernet ports	2

Powering

Details	
Number of DC inputs	2 (PoE-IN, DC jack)
DC jack input Voltage	10-57 V
Max power consumption	10 W
Max power consumption without attachments	9 W
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	18-57 V

Certification & Approvals

Details	
Certification	CE, FCC, IC, EAC, ROHS
IP	IP54

Other

Details	
PCB temperature monitor	Yes
Voltage Monitor	Yes

Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	25	-100

2.4 GHz	Transmit (dBm)	Receive Sensitivity
11MBit/s	25	-94
6MBit/s	25	-96
54MBit/s	19	-78
MCS0	25	-96
MCS7	18	-73
5 GHz	**Transmit (dBm)**	**Receive Sensitivity**
6MBit/s	24	-96
54MBit/s	20	-80
MCS0	24	-96
MCS7	19	-75
MCS9	17	-70