

Specifications

Details	
Product code	RBcAPGi-5acD2nD-XL
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	716 MHz
Switch chip model	IPQ-4018
Dimensions	191 x 42 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
Suggested price	\$99.00

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	6
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	5.5

Details

Wireless 5 GHz chip model	IPQ-4018
Wireless 5 GHz generation	Wi-Fi 5
WiFi speed	AC1200

Ethernet

Details

10/100/1000 Ethernet ports	2
Number of 1G Ethernet ports with PoE-out	1

Powering

Details

Number of DC inputs	1 (PoE-IN)
Max power consumption	24 W
Max power consumption without attachments	11 W
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	18-57 V

PoE-out

Details

PoE-out ports	Ether2
PoE out	Passive PoE up to 57V
Max out per port output (input 18-30 V)	500 mA
Max out per port output (input 30-57 V)	330 mA
Max total out (A)	500 mA

Certification & Approvals

Details

Certification	CE, FCC, IC, EAC, ROHS
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Other

Details		
Mode button	Yes	

Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity (dBm)
1MBit/s	26	-100
11MBit/s	26	-94
6MBit/s	26	-96
54MBit/s	23	-78
MCS0	26	-96
MCS7	22	-73
5 GHz	Transmit (dBm)	Receive Sensitivity (dBm)
6MBit/s	26	-96
54MBit/s	21	-80
MCS0	26	-96
MCS7	20	-75
MCS9	18	-70