

# Specifications

| Details                     |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| Product code                | RBcAPGi-5acD2nD                                                           |
| Architecture                | ARM 32bit                                                                 |
| CPU                         | IPQ-4018                                                                  |
| CPU core count              | 4                                                                         |
| CPU nominal frequency       | 716 MHz                                                                   |
| Switch chip model           | IPQ-4018                                                                  |
| Dimensions                  | Round case: ø 136 mm, height: 30 mm; Square case: 145 mm x 145 mm x 30 mm |
| RouterOS license            | 4                                                                         |
| Operating System            | <a href="#">RouterOS</a>                                                  |
| 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 50°C                                                             |
| IPsec hardware acceleration | Yes                                                                       |
| Suggested price             | \$85.00                                                                   |

# 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      | 2            |
| 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          |

#### 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 |
|----------------------------|---|

## Powering

#### Details

|                                           |            |
|-------------------------------------------|------------|
| Number of DC inputs                       | 1 (PoE-IN) |
| Max power consumption                     | 24 W       |
| Max power consumption without attachments | 13 W       |
| Cooling type                              | Passive    |
| PoE in                                    | 802.3af/at |
| PoE in input Voltage                      | 17-57 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) | 400 mA                |
| Max total out (A)                       | 500 mA                |

## Certification & Approvals

#### Details

|               |                        |
|---------------|------------------------|
| Certification | CE, FCC, IC, EAC, ROHS |
|---------------|------------------------|

# 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                       |