

## Specifications

| Details                     |                                    |
|-----------------------------|------------------------------------|
| Product code                | RB4011iGS+5HacQ2HnD-IN             |
| Architecture                | ARM 32bit                          |
| CPU                         | AL21400                            |
| CPU core count              | 4                                  |
| CPU nominal frequency       | 1.4 GHz                            |
| Dimensions                  | 228 x 120 x 30 mm                  |
| RouterOS license            | 5                                  |
| Operating System            | <a href="#">RouterOS</a>           |
| Size of RAM                 | 1 GB                               |
| Storage size                | 512 MB                             |
| Storage type                | NAND                               |
| MTBF                        | Approximately 200'000 hours at 25C |
| Tested ambient temperature  | -40°C to 45°C                      |
| IPsec hardware acceleration | Yes                                |

## Wireless capabilities

| Details                           |              |
|-----------------------------------|--------------|
| Wireless 5 GHz Max data rate      | 1733 Mbit/s  |
| Wireless 5 GHz number of chains   | 4            |
| Wireless 5 GHz standards          | 802.11a/n/ac |
| Antenna gain dBi for 5 GHz        | 3            |
| Wireless 5 GHz chip model         | QCA9984      |
| Wireless 5 GHz generation         | Wi-Fi 5      |
| 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      | 3            |
| Wireless 2.4 GHz chip model       | R11e-2HnD    |
| Wireless 2.4 GHz generation       | Wi-Fi 4      |

### Details

|          |        |
|----------|--------|
| AC speed | AC2000 |
|----------|--------|

## Ethernet

### Details

|                            |    |
|----------------------------|----|
| 10/100/1000 Ethernet ports | 10 |
|----------------------------|----|

## Fiber

### Details

|            |   |
|------------|---|
| SFP+ ports | 1 |
|------------|---|

## Peripherals

### Details

|                     |      |
|---------------------|------|
| MiniPCI-e slots     | 1    |
| Serial console port | RJ45 |

## Powering

### Details

|   |                     |
|---|---------------------|
| Number of DC inputs                       | 2 (DC jack, PoE-IN) |
| DC jack input Voltage                     | 12-57 V             |
| Max power consumption                     | 44 W                |
| Max power consumption without attachments | 23 W                |
| Cooling type                              | Passive             |
| PoE in                                    | Passive PoE         |
| PoE in input Voltage                      | 18-57 V             |

## PoE-out

### Details

|               |                       |
|---------------|-----------------------|
| PoE-out ports | Ether10               |
| PoE out       | Passive PoE up to 57V |

### Details

|   |        |
|---|--------|
| Max out per port output (input 18-30 V) | 600 mA |
| Max out per port output (input 30-57 V) | 420 mA |
| Max total out (A)                       | 600 mA |

## Certification & Approvals

### Details

|               |                        |
|---------------|------------------------|
| Certification | CE, FCC, IC, EAC, ROHS |
| IP            | IP20                   |

## Other

### Details

|                         |     |
|-------------------------|-----|
| PCB temperature monitor | Yes |
| Voltage Monitor         | Yes |

## Wireless specifications

| 5 GHz    | Transmit (dBm) | Receive Sensitivity |
|----------|----------------|---------------------|
| 6MBit/s  | 33             | -96                 |
| 54MBit/s | 29             | -81                 |
| MCS0     | 33             | -96                 |
| MCS7     | 28             | -77                 |
| MCS9     | 26             | -72                 |
| 2.4 GHz  | Transmit (dBm) | Receive Sensitivity |
| 1MBit/s  | 28             | -100                |
| 11MBit/s | 28             | -94                 |
| 6MBit/s  | 29             | -96                 |
| 54MBit/s | 25             | -80                 |
| MCS0     | 26             | -96                 |
| MCS7     | 24             | -79                 |