

# Specifications

Details	
Product code	RBD22UGS-5HPacD2HnD-15S
Architecture	ARM 32bit
CPU	IPQ-4019
CPU core count	4
CPU nominal frequency	auto MHz
Dimensions	140 x 348 x 82 mm
RouterOS license	4
Operating System	<a href="#">RouterOS</a>
Size of RAM	256 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40°C to +70°C
IPsec hardware acceleration	Yes
Suggested price	\$159.00

## Powering

Details	
Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	12-57 V
Cooling type	Passive
PoE in	802.3af/at
PoE in input Voltage	12-57 V

## Wireless specifications

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### 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	12
Wireless 2.4 GHz chip model	IPQ-4019
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	15
Wireless 5 GHz chip model	IPQ-4019
Wireless 5 GHz generation	Wi-Fi 5

## Ethernet

### Details

10/100/1000 Ethernet ports 1

## Fiber

### Details

SFP ports 1

## Peripherals

### Details

Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB type A
Max USB current (A)	1

# Other

## Details

PCB temperature monitor	Yes
Voltage Monitor	Yes

# Certification & Approvals

## Details

Certification	CE, FCC, IC, EAC, ROHS
IP	IP55

# Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	30	-100
11MBit/s	30	-94
6MBit/s	30	-96
54MBit/s	27	-80
MCS0	30	-96
MCS7	26	-75

5 GHz	Transmit (dBm)	Receive Sensitivity
6MBit/s	30	-96
54MBit/s	27	-80
MCS0	30	-96
MCS7	26	-75
MCS9	23	-72