

Specifications

Details	
Product code	cAPGi-5HaxD2HaxD
Architecture	ARM 64bit
CPU	IPQ-6010
CPU core count	4
CPU nominal frequency	auto (864 - 1800) MHz
Switch chip model	IPQ-6010
RouterOS license	4
Operating System	RouterOS v7
Size of RAM	1 GB
Storage size	128 MB
Storage type	NAND
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40°C to 70°C
IPsec hardware acceleration	Yes
Suggested price	\$129.00

Wireless capabilities

Details	
Wireless 2.4 GHz Max data rate	574 Mbit/s
Wireless 2.4 GHz number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n/ax
Antenna gain dBi for 2.4 GHz	6
Wireless 2.4 GHz chip model	QCN-5022
Wireless 2.4 GHz generation	Wi-Fi 6
Wireless 5 GHz Max data rate	1200 Mbit/s
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac/ax
Antenna gain dBi for 5 GHz	5.5
Wireless 5 GHz chip model	QCN-5052

Details

Wireless 5 GHz generation	Wi-Fi 6
WiFi speed	AX1800

Ethernet

Details

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

Powering

Details

Number of DC inputs	2 (PoE-IN, DC jack)
DC jack input Voltage	18-57 V
Max power consumption	36 W
Max power consumption without attachments	9 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)	600 mA
Max out per port output (input 30-57 V)	400 mA
Max total out (A)	600 mA
Total output current	0.4
Total output power	19.2

Certification & Approvals

Details		
Certification	CE, FCC, IC, EAC, ROHS	
IP	20	

Other

Details		
CPU temperature monitor	Yes	
Mode button	Yes	

Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity (dBm)
1MBit/s		-100
11MBit/s		-94
6MBit/s	24	-96
54MBit/s	21	-80
MCS0	24	-96
MCS7	20	-75
MCS9	19	-70
MCS11	17	-67
5 GHz	Transmit (dBm)	Receive Sensitivity (dBm)
6MBit/s	24	-96
54MBit/s	21	-80
MCS0	24	-96
MCS7	20	-75
MCS9	19	-70
MCS11	17	-67