

Specifications

Details	
Product code	RB911G-2HPnD-12S
Architecture	MIPSBE
CPU	AR9342
CPU core count	1
CPU nominal frequency	600 MHz
Dimensions	140 x 348 x 82 mm
RouterOS license	4
Operating System	RouterOS
Size of RAM	64 MB
Storage size	128 MB
Storage type	NAND
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40°C to 70°C

Powering

Details	
Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	8-30 V
Max power consumption	11 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	10-28 V

Wireless specifications

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

Details

Antenna gain dBi for 2.4 GHz	12
Wireless 2.4 GHz chip model	AR9342
Wireless 2.4 GHz generation	Wi-Fi 4

Ethernet

Details

10/100/1000 Ethernet ports	1
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Other

Details

PCB temperature monitor	Yes
Voltage Monitor	Yes

Certification & Approvals

Details

Certification	CE, FCC, IC, EAC, ROHS
IP	IP54

Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	30	-100
11MBit/s	30	-94
6MBit/s	30	-96
54MBit/s	27	-78
MCS0	30	-96
MCS7	24	-73