

Specifications

Details	
Product code	RB912UAG-2HPnD-OUT
Architecture	MIPSBE
CPU	AR9342
CPU core count	1
CPU nominal frequency	600 MHz
RouterOS license	4
Operating System	RouterOS
Size of RAM	64 MB
Storage size	64 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	1 (PoE-IN)
Max power consumption	10 W
Cooling type	Passive
PoE in	Passive PoE
PoE in input Voltage	8-30 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
Wireless 2.4 GHz chip model	AR9342
Wireless 2.4 GHz generation	Wi-Fi 4

Ethernet

Details	
10/100/1000 Ethernet ports	1

Peripherals

Details	
Number of SIM slots	1 Modem (Mini SIM)
MiniPCI-e slots	1
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	FCC, IC
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

2.4 GHz	Transmit (dBm)	Receive Sensitivity
MCS7	24	-73