

Specifications

Details	
Product code	RB2011UiAS-2HnD-IN
Architecture	MIPSBE
CPU	AR9344
CPU core count	1
CPU nominal frequency	600 MHz
Dimensions	214mm x 86mm for PCB
RouterOS license	5
Operating System	RouterOS
Size of RAM	128 MB
Storage size	128 MB
Storage type	NAND
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40°C to 60°C

Wireless capabilities

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	4
Wireless 2.4 GHz chip model	AR9344
Wireless 2.4 GHz generation	Wi-Fi 4

Ethernet

Details	
10/100 Ethernet ports	5
10/100/1000 Ethernet ports	5

Fiber

Details	
SFP DDMI	Yes
SFP ports	1

Peripherals

Details	
Serial console port	RJ45
Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB type A
Max USB current (A)	1

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	8-30 V

PoE-out

Details	
PoE-out ports	Ether10
PoE out	Passive PoE
Max out per port output (input 18-30 V)	510 mA
Max total out (A)	510 mA

Certification & Approvals

Details

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

Other

Details

PCB temperature monitor	Yes
Voltage Monitor	Yes

Wireless specifications

2.4 GHz	Transmit (dBm)	Receive Sensitivity
1MBit/s	30	-96
11MBit/s	28	-80
6MBit/s	30	-96
54MBit/s	27	-80
MCS0	30	-92
MCS7	25	-73