

RB711-2

Perfect for building CPE devices

The RB711 is a small CPE type RouterBOARD 2GHz wireless router with an integrated wireless card. There are many variations depending on the features you need - choose the best model from the below tab

RB711 includes RouterOS - the operating system, which can be a router, firewall, bandwidth manager, a CPE and more - all at the same time.

The integrated 2GHz 802.11b/g/n wireless card is capable of up to 27dBm transmit power output (30dBm for the D models!). It has built in 16kV ESD protection on the RF port.

Feature / Model	RB711-2Hn	RB711-2HnD	RB711UA-2HnD
Wireless chains	1	2	2
USB	-	-	Yes
License	CPE	CPE	AP
RAM	32MB	32MB	64MB
Powering	PoE	PoE	Poe / Jack

CPU	Atheros AR7241 400MHz network processor
Memory	DDR SDRAM onboard memory
Data storage	64MB onboard NAND memory chip
Ethernet	One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X
Wireless	Built in 2GHz AR9283 802.11b/g/n card 1 or 2 MMCX connectors
Extras	Reset switch, Beeper
LEDs	Power, NAND activity, 5 user LEDs
Power options	PoE: 8-30V DC on Ether1 (Non 802.3af).
Dimensions	10.5 cm x 10.5 cm (4.13 in x 4.13 in) Weight: 67g
Power consumption	Up to 4.5W at 18V full load (0.245A)
Operating System	MikroTik RouterOS, Level3 or Level4 license

RX sensitivity	802.11b/g: -92 dBm @ 6Mbps to -75 dBm @ 54 Mbps 802.11n: -92 dBm @ MCS0 to -71 dBm @ MCS7 40MHz
TX power (+3dBm for D models)	802.11b/g: 27dBm @ 6Mbps to 24dBm @ 54 Mbps 802.11n: 27dBm @ MCS0 to 20dBm @ MCS7
Modulations	OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK

