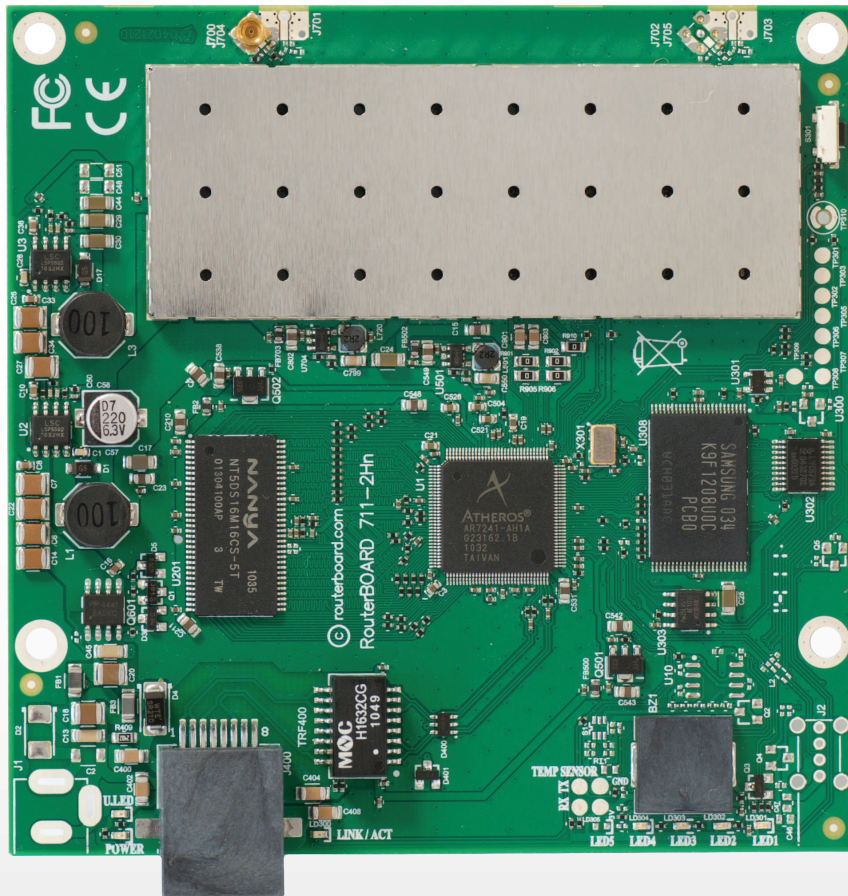# RB711-5

Perfect for building CPE devices

The RB711 is a small CPE type RouterBOARD 5GHz wireless router with an integrated wireless card. There are many variatons depending on the features you need - choose the best model from the below tab

The integrated 5GHz 802.11a/n wireless card is capable of up to 22dBm transmit power output (25dBm for the D models!). It has built in 16kV ESD protection on the RF port.

Feature / Model	711-5Hn	711-5HnD	711UA-5HnD	711G-5HnD	711GA-5HnD
Wireless chains	1	2	2	2	2
USB	-	-	Yes	-	Yes
License	CPE	CPE	AP	CPE	AP
RAM	32MB	32MB	64MB	32MB	64MB
Gigabit port	-	-	-	Yes	Yes
Powering	PoE	PoE	PoE / Jack	PoE	PoE / Jack

CPU	Atheros AR7241 400MHz network processor
Memory	DDR SDRAM onboard memory
Data storage	64MB onboard NAND memory chip
Ethernet	One Fast Ethernet or Gigabit port with Auto-MDI/X
Wireless	Built in 5GHz AR9283 802.11a/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	802.11a: –92 dBm @ 6Mbps to -76 dBm @ 54 Mbps 802.11n: –92 dBm @ MCS0 to –73 dBm @ MCS7 40MHz
TX power (+3dBm for D models)	802.11a: 22dBm @ 6Mbps to 19dBm @ 54 Mbps 802.11n: 22dBm @ MCS0 to 15dBm @ MCS7
Modulations	OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK