# RB951Ui-2HnD



The RB951Ui-2HnD is a wireless SOHO AP with a new generation Atheros CPU and more processing power. It has five Ethernet ports, one USB 2.0 port and a high power 2.4GHz 802.11b/g/n wireless AP with antennas built in.

It has a 600MHz CPU,128MB of RAM and PoE output function for port #5 - it can power other PoE capable devices with the same voltage a s applied to the unit. Maximum load on the port is 500mA.

Package contains RouterBOARD 951Ui-2HnD in a plastic case and power adapter. Specific frequency range may be limited by country regulations.

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| Features | RB951Ui-2HnD (USB, power injector, USB, 2GHz, 802.11n, dual chain) |
| CPU | Atheros AR9344 600MHz CPU |
| Memory | 128MB DDR2 onboard memory |
| Ethernet | Five independent 10/100 Ethernet ports |
| LEDs | Power, NAND activity, 5 Ethernet LEDs, wireless activity LED |
| Power in | PoE:  8-30V DC on Ether1 (Non 802.3af). Jack: 8-30V DC |
| Power out | PoE passive on port 5, same voltage as input. |
| Dimensions | 113x138x29mm |
| Weight | Without packaging and PSU: 232g, full weight in package: 420g |
| Power consumption | Up to 7W |
| Operating Temp | -20C .. +60C |
| Operating System | MikroTik RouterOS, Level4 license |
| Package contains | RouterBOARD in a plastic case, 24V 0.8A power adapter |

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| Antennas | 2x2 MIMO PIF antennas, max gain 2.5dBi |
| RX sensitivity | 802.11g: -96dBm @ 6Mbit/s to -80dBm @ 54Mbit/s<br>802.11n: -96dBm @ MCS0 to -78dBm @ MCS7 |
| TX power | 802.11g: 30dBm @ 6Mbps to 25dBm @ 54 Mbps<br>802.11n: 30dBm @ MCS0 to 23dBm @ MCS7 |
| Modulations | OFDM: BPSK, QPSK, 16 QAM, 64QAM; DSSS: DBPSK, DQPSK, CCK |