



CrossRoads **RB/CRD**

product overview

August, 2008

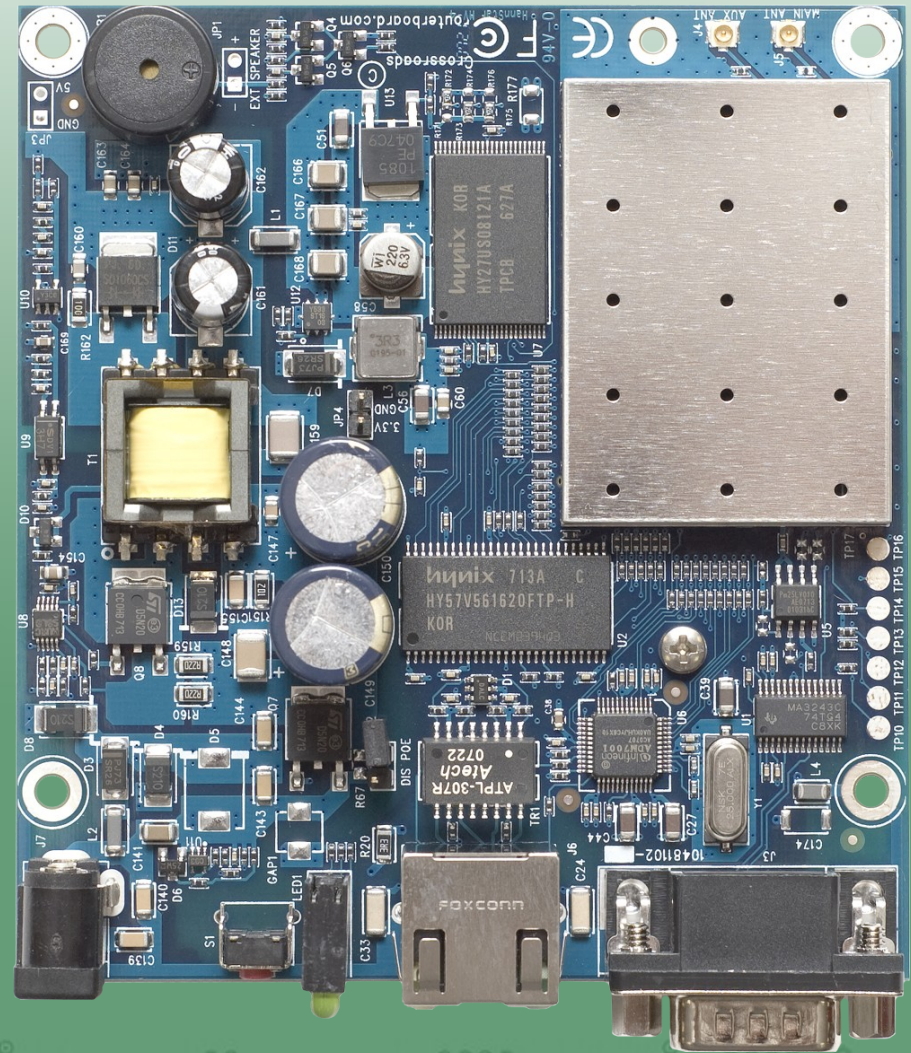
key features

- Size of the Mouse (10.5x9.5cm)
- One LAN, serial port, LED's, reset switch
- MIPS CPU, 32MB RAM
- Integrated 2.4Ghz radio
- 11-60v DC



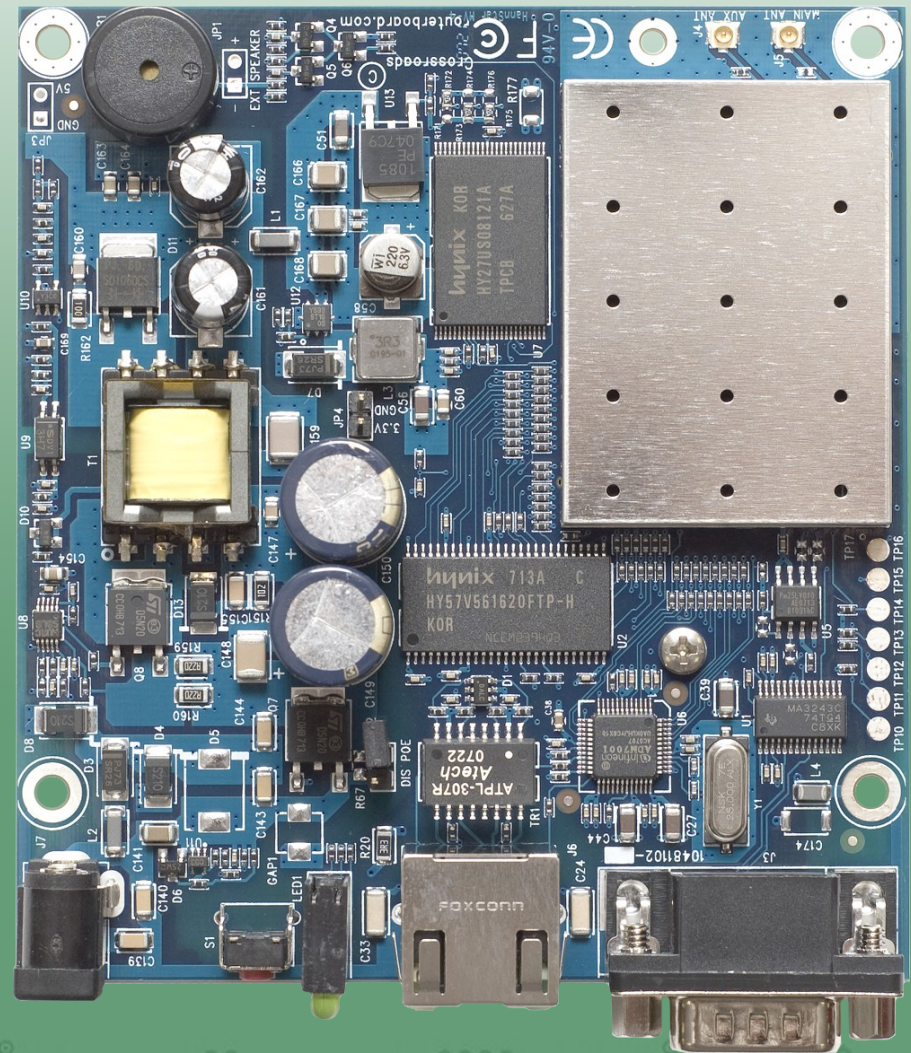
wireless features

- Integrated Atheros radio module
- Two U.fl connectors for external antenna
- 2.192-2.539Ghz range (local regulations apply)
- Output power up to 28dBm / 600mW



applications

- RouterOS Level 4 included (Wireless AP / bridge / client)
- Ideal for long range PtP link
- Excellent Indoor Hotspot AP (hotels, airports etc.)



accessories

18POW
24V Power Supply



RB/P54
Passive POE Base Unit



CA/CRD
Indoor case



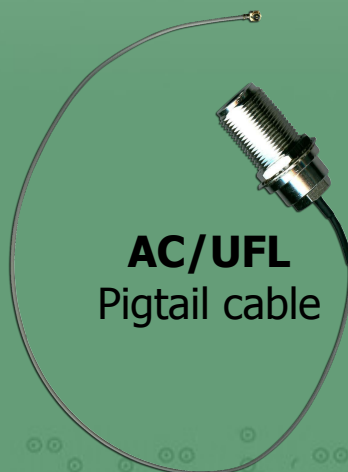
CA/OTS
Outdoor case



AC/SWI
Swivel antenna



AC/UFL
Pigtail cable



specifications

	Crossroads
CPU	MIPS32 4KEc based 184MHz embedded processor
Memory	32MB SDRAM onboard memory chip
Boot loader	RouterBOOT, 1Mbit Flash chip
Data storage	Onboard NAND with RouterOS software, License Level4
Ethernet	One 10/100 Mbit/s Fast Ethernet port supporting Auto-MDI/X
Wireless standards	IEEE802.11b (1..11Mbit/s, auto-fallback); IEEE802.11g (6..54Mbit/s, auto-fallback, IEEE802.11b compatibility option, supports Turbo)
Wireless frequency	2192-2539Mhz (restrictions apply), with 5Mhz, 10Mhz, 20Mhz, 40Mhz band.
TX Output power	up to 28dBm (600mw)
Receive sensitivity	802.11b: 1Mbps -97, 11Mbps -92. 802.11g: 6Mbps -94, 54Mbps -74
Serial port	One DB9 RS232C asynchronous serial port
Speaker	Mini PC-Speaker
Power options	Power jack: 11..60V DC
Power output	3V and 5V DC fan power output headers, maximal output current - 500mA total
Power consumption	typical – 6W, max - 12W
Dimensions	10.5 cm x 9.5 cm (4.13 in x 3.74 in)