# RouterBOARD 800



The RB800 is an advanced high performance wireless platform. It has four miniPCI slots, three Gigabit ethernet ports, two daughterboard connectors, a miniPCI-e slot and a compact flash slot.

The two daughterboard connectors allow you to expand the number of wired and wireless ports, and the new high power CPU is capable of supporting them all.

This is the new definition of wireless networking power.

Combined with RouterOS - RB800 is the most powerful and sophisticated wireless router, firewall and bandwidth manager. With many expansion options.

| | |
|---|---|
| CPU | MPC8544 800MHz |
| Memory | 256MB DDR2 SDRAM onboard memory |
| Boot loader | RouterBOOT |
| Data storage | NAND memory chip, CF slot on back |
| Ethernet | Three 10/100/1000 Mbit/s Ethernet ports with Auto-MDI/X |
| miniPCI | 4 x miniPCI, 1 x miniPCI-e |
| Expansion | regular PCI daughterboard port, PCI-e daughterboard port |
| Extras | Reset switch, Beeper, 4x Fan headers (JP1,JP3 = 3.3V, JP2,JP4 = 5.5V) |
| Serial port | One DB9 RS232C asynchronous serial port, One serial port header |
| LEDs | Power, 1x User LED |
| Power options | Power over Ethernet: 36-56V DC (including power over datalines)<br>Power jack: 10-56V DC |
| Dimensions | 14 cm x 20 cm (5.51 in x 7.87 in), 285 g |
| Operating System | MikroTik RouterOS v4, Level6 license |
| | |
| Two port throughput | 276000pps with small packets, and wire speed throughput on big packets |

routerboard.com