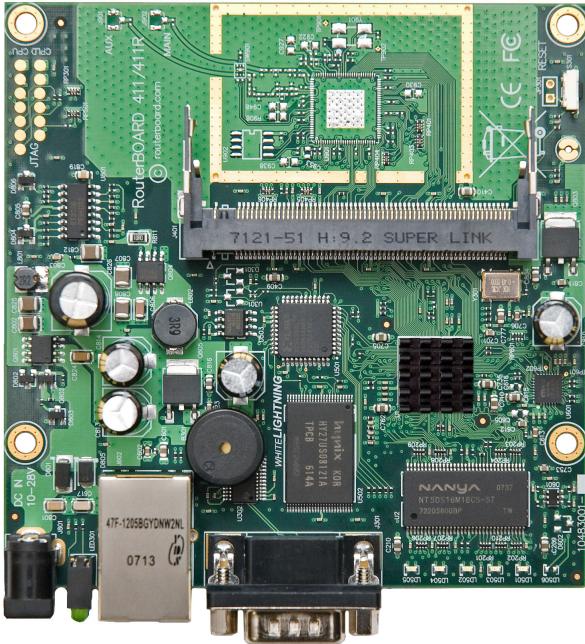


New RouterBOARD 411AH



The successful RB411A now available also in a much faster version - the RB411AH has the same processor as the RB433AH, giving the small device a substantial speed boost. Available now for \$99!

Monitor traffic

Did you know that there is a very easy way to quickly look at the router's current throughput?

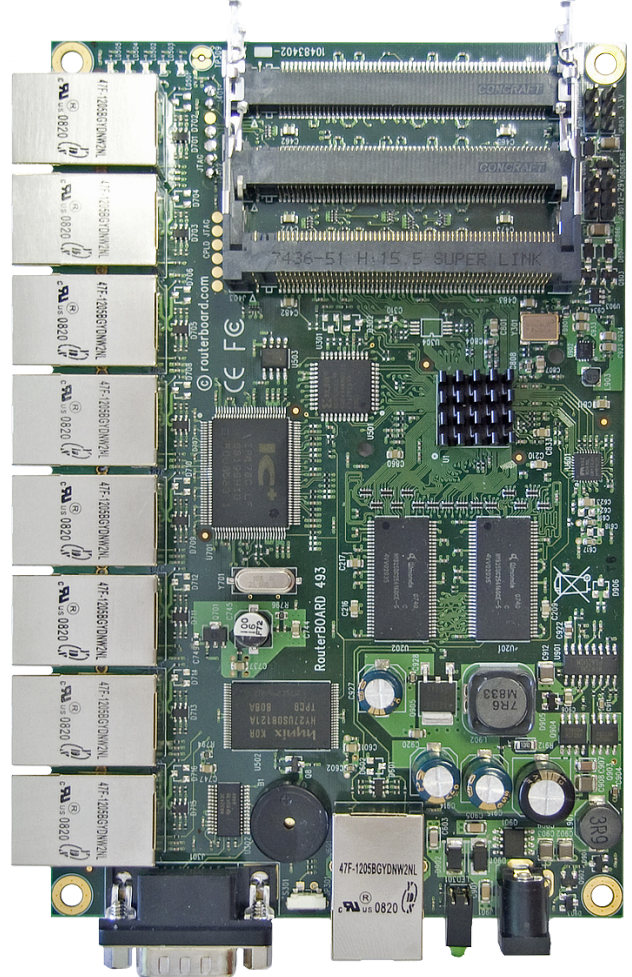
Type "interface monitor-traffic" to see traffic on one individual interface, multiple interfaces, or even the traffic aggregate.

```
Terminal — ssh — 47x14

[normis@demo2.mt.lv] > interface monitor-traffic
c wlan1,ether1
  received-packets-per-second: 0      5
  receive-drops-per-second: 0      0
  received-bits-per-second: 0bps 3.3kbps
  sent-packets-per-second: 0      4
  transmit-drops-per-second: 0      0
  sent-bits-per-second: 0bps 2.8kbps

[normis@demo2.mt.lv] > █
```

New RouterBOARD 493



The much anticipated RB493 is here, replacing the successful multi port device RB192. Now all the ports are supported by the same powerful CPU as in RB411 and RB433. The new model also adds one more miniPCI slot.

The RB493 has nine ethernet ports and three miniPCI slots, it also has a switch chip, so the ethernet ports of your choice can be grouped together to make it act as a switch.

300MHz Atheros AR7130 Network Processor, 64MB RAM, 9 10/100 ethernet ports, 3 miniPCI slots, 64MB NAND with RouterOS L4.

Available in early August!

ROS MPLS used by many ISPs now

Many of MikroTik customers are starting to use the MPLS implementation that was added to RouterOS recently. Some have already successfully implemented it into large networks.

Very detailed MPLS documentation is available now in our wiki: <http://wiki.mikrotik.com/wiki/MPLS>

To start using MPLS, you have to install two new packages, available on mikrotik.com's download page - the "routing-test" and "mpls-test"

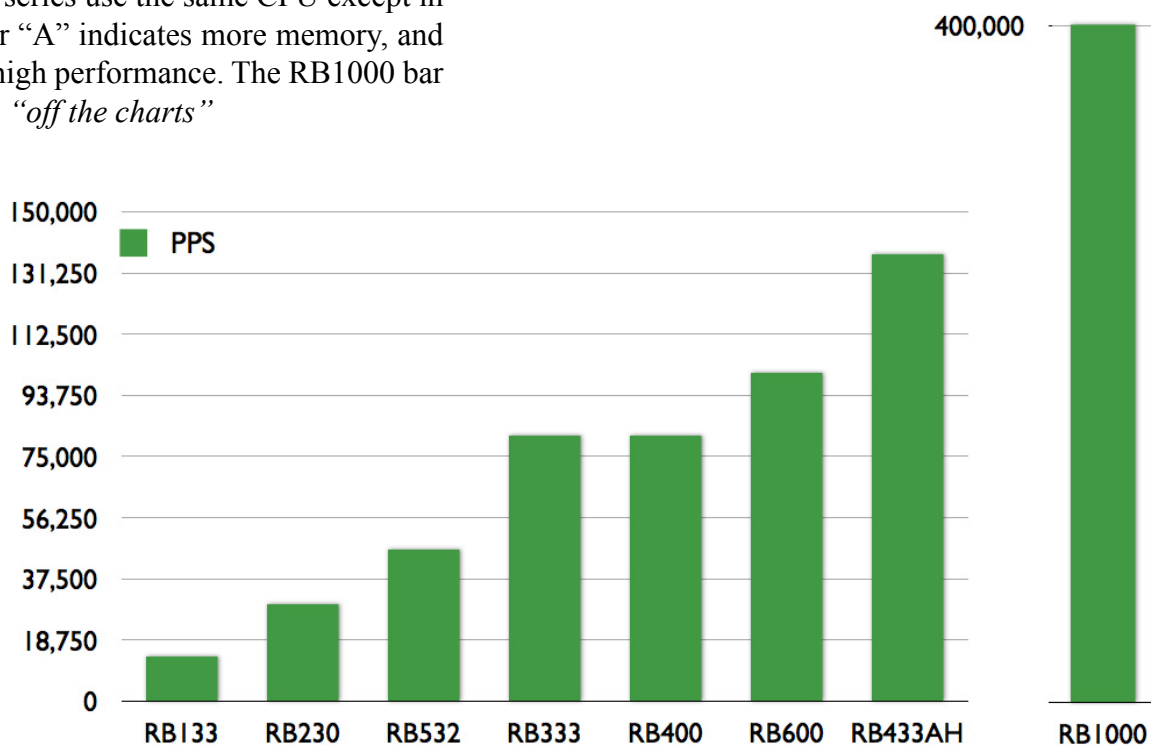
Clearance sale on Routerboard.com

We have some older model products for sale on our routerboard home page. If you are interested in the last remaining enclosures, compact flashes or even RouterBOARD 230's - check out this page:

<http://routerboard.com/clearance.php>

RouterBOARD performance chart

Below is a visual representation of some of the RouterBOARD model performance ratings. The numbers are maximum *pps* achievable with default CPU clock. Note that all RB400 series use the same CPU except in the AH models. Letter "A" indicates more memory, and the letter "H" means high performance. The RB1000 bar is not up to scale, it is "off the charts"



OSPF v3

OSPF version 3 support has been added in RouterOS 3.12 (using routing-test package). OSPFv3, specified in RFC 2740, is the protocol's version for IPv6 routing.

OSPFv3 uses the same fundamental mechanisms as OSPFv2 — LSAs, flooding, the SPF algorithm, etc. However, it's not only an extension of OSPFv2 for new address family, but also a new improved version of the protocol itself. OSPF was designed in the late 1980 when requirements for routers were very different from today's. OSPFv3 brings the protocol more up to date, as well as avoids some inefficiencies discovered in operation of OSPFv2.

OSPFv3 configuration syntax largely remains the same (it's accessible in CLI under /routing ospf-v3). One major difference is that there is no configuration for networks anymore, and interface configuration becomes mandatory.