MikroTik

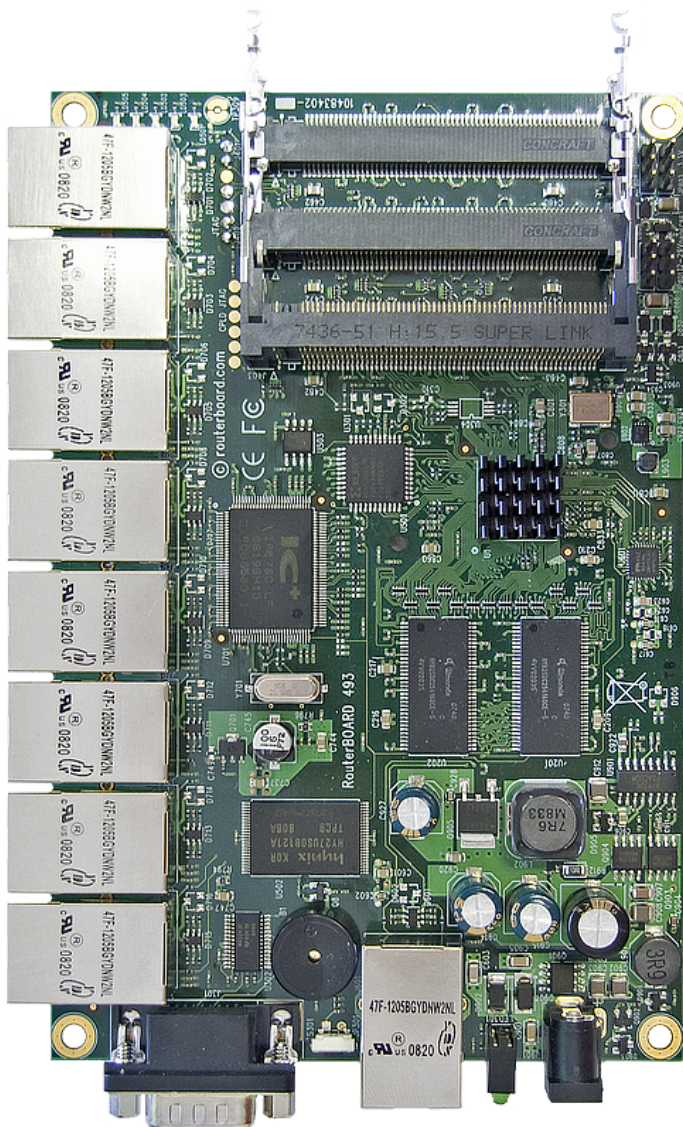**Newsletter** #013, October 15th, 2008. Page1/2

RouterBOARD 493AH

The successful RouterBOARD 400 family has a new member - the RB493AH. It has the high performance Atheros CPU, which makes it just as blazing fast as the RB433AH model, which can thoughput a maximum of 137300pps.

Comparing to the regular RB493, the new RB493AH has more memory (128Mb), a faster CPU (AR7161 default 680MHz, tested at 800MHz with no mPCI usage) and a Level5 licensed RouterOS preinstalled.
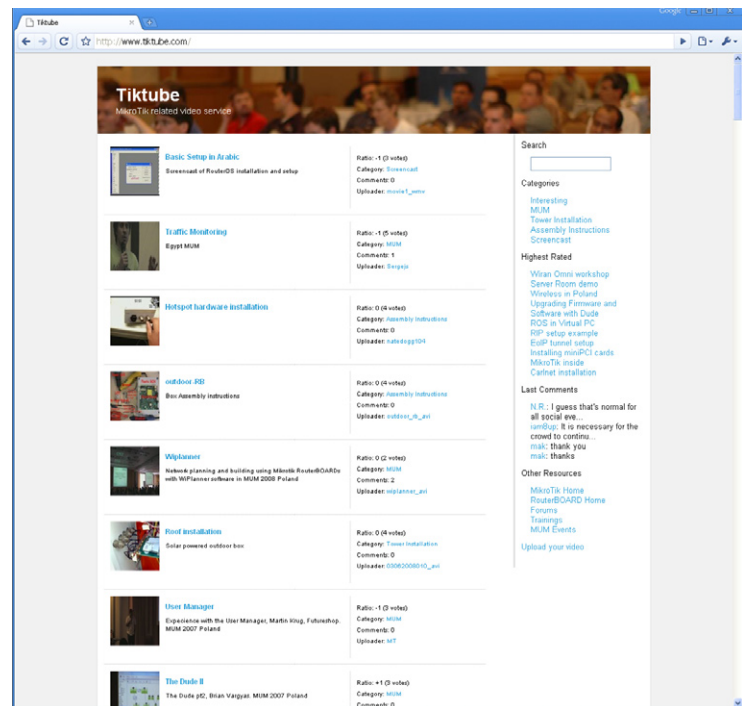
Same as RB493 it has 3 miniPCI slots, making this the perfect all-in-one high performace router/wireless AP.

Available now, for $169 list price

Tiktube.com returns

The MikroTik related video portal www.tiktube.com is now back with more functionality and quality than before! Easily add your own video, view and rate other videos, and even receive a RouterOS license if others find yours to be useful! www.tiktube.com

MUM Brazil 2008

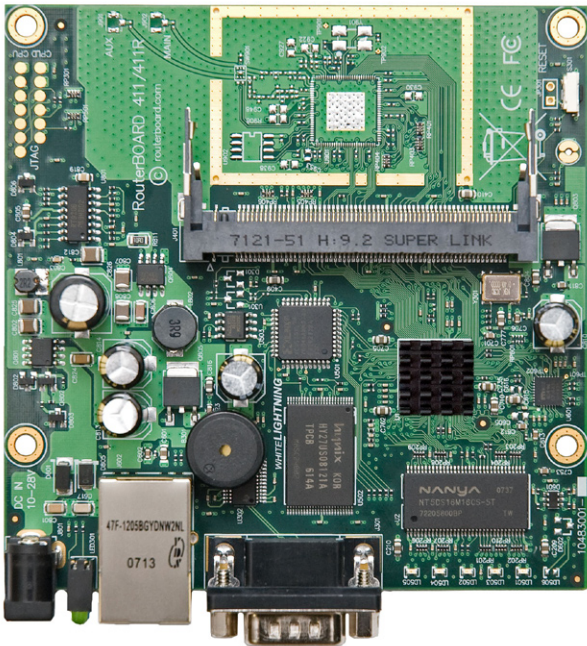For the second time, MikroTik is coming to South America, this time - the biggest of all countries - Brazil!

Last year's MUM in Argentina gathered almost 300 visitors, and we expect much more in this years MUM in Brazil, Sao Paulo!

For the first time ever, we have introduced a new type of MUM registration - completely free of charge! No payment needed. Of course, if you still wish to receive the free RouterOS license and lunch, paid registration type is also available.

Already 300 people registered, join us, and register for the MUM of the year!

RouterBOARD 411 price drop!

Due to volume production, we have lowered costs for our most popular product RB411. Now list price is only **$49**!

This includes RouterBOARD 411 with Atheros CPU, 32MB RAM, one LAN, one miniPCI slot and RouterOS Level 3 license.

There are lot of low cost antenna manufacturers worldwide, that have developed antennas specially for RouterBOARDs- now you can build really low cost CPEs, based on RB411.

Contact your favorite Distributor (http://www.mikrotik.com/howtobuy.html) to receive an offer.

RouterBOARD Integrated Antenna Manufacturers

ARC Wireless (http://antennas.com/)
Pacific Wireless (http://www.pacwireless.com/)
Poynting Antennas (http://www.poynting.co.za/)
Acconet (http://www.acconet.net/)
Jirous (http://en.jirous.com)
Prowax (http://www.prowax.cz/)

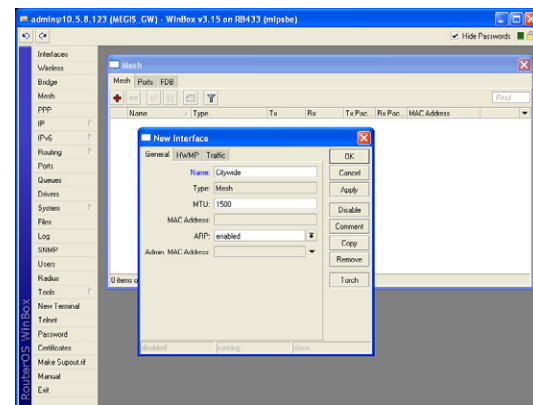*Google for many more ... and contact us to add you to this list*

Introducing HWMP+

HWMP+ is a MikroTik specific layer-2 routing protocol for wireless mesh networks. It is based on Hybrid Wireless Mesh Protocol (HWMP) from IEEE 802.11s draft standard. It can be used instead of (Rapid) Spanning Tree protocols in mesh setups to ensure loop-free optimal routing.

HWMP+ mesh routing supports not only WDS interfaces, but also Ethernet interfaces inside the mesh.

So you can use simple Ethernet based distribution system, or you can combine both WDS and Ethernet links!

More here: http://wiki.mikrotik.com/wiki/HWMPplus

Introducing <u>Store</u>

We are very excited to announce the long awaited data storage ability in RouterOS. The version **3.15** will add the "**/store**" menu, which will control "User Manager", "The Dude" and "Web proxy" file storage. In later versions we will also add other file storage abilities, for example Logs.

The wonderful thing about this is - you can add as many external or secondary drives as you want, and select any number of them for each of the mentioned feature use.

For example User Manager could be used on 3 disks, one of them would be the active database, and the rest would be backups. You can then add a fourth disk, copy the active data to it - unplug it - and move to another server, to keep using the actual database.

This means migration and backup made easy!