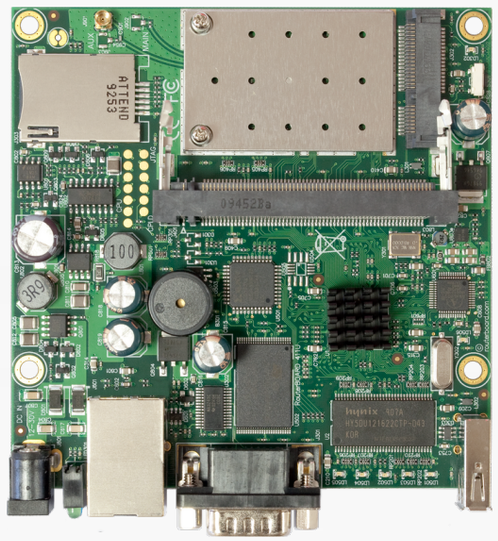
# MUM USA 2010

# Phoenix, AZ

MikroTik

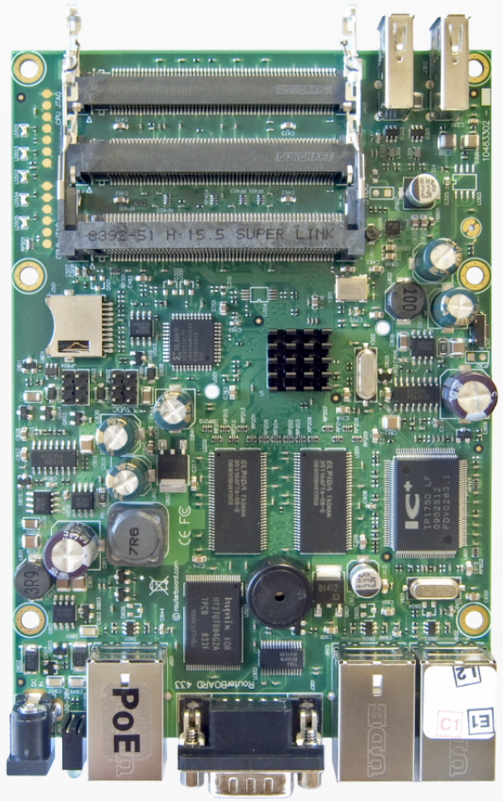
# Current Products



# RB411

+

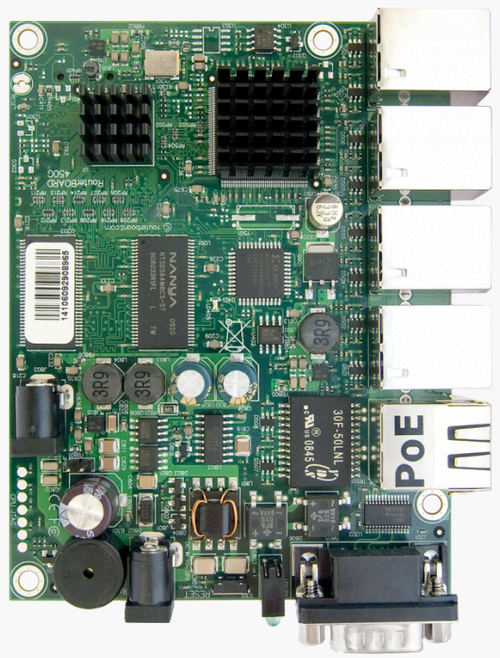
Faster CPU
More RAM
USB port
miniPCI-e
Built in RADIO



# RB433

+

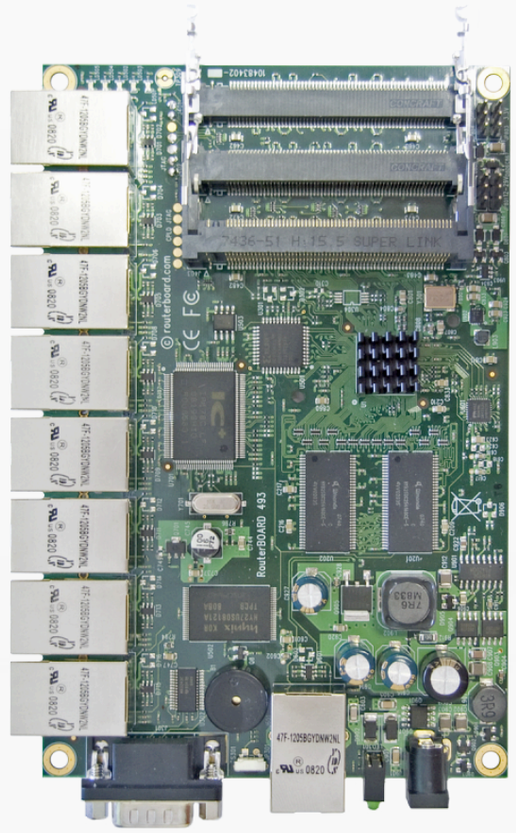
Faster CPU
More RAM
USB port



# RB450

+

Faster CPU
More RAM
Gigabit



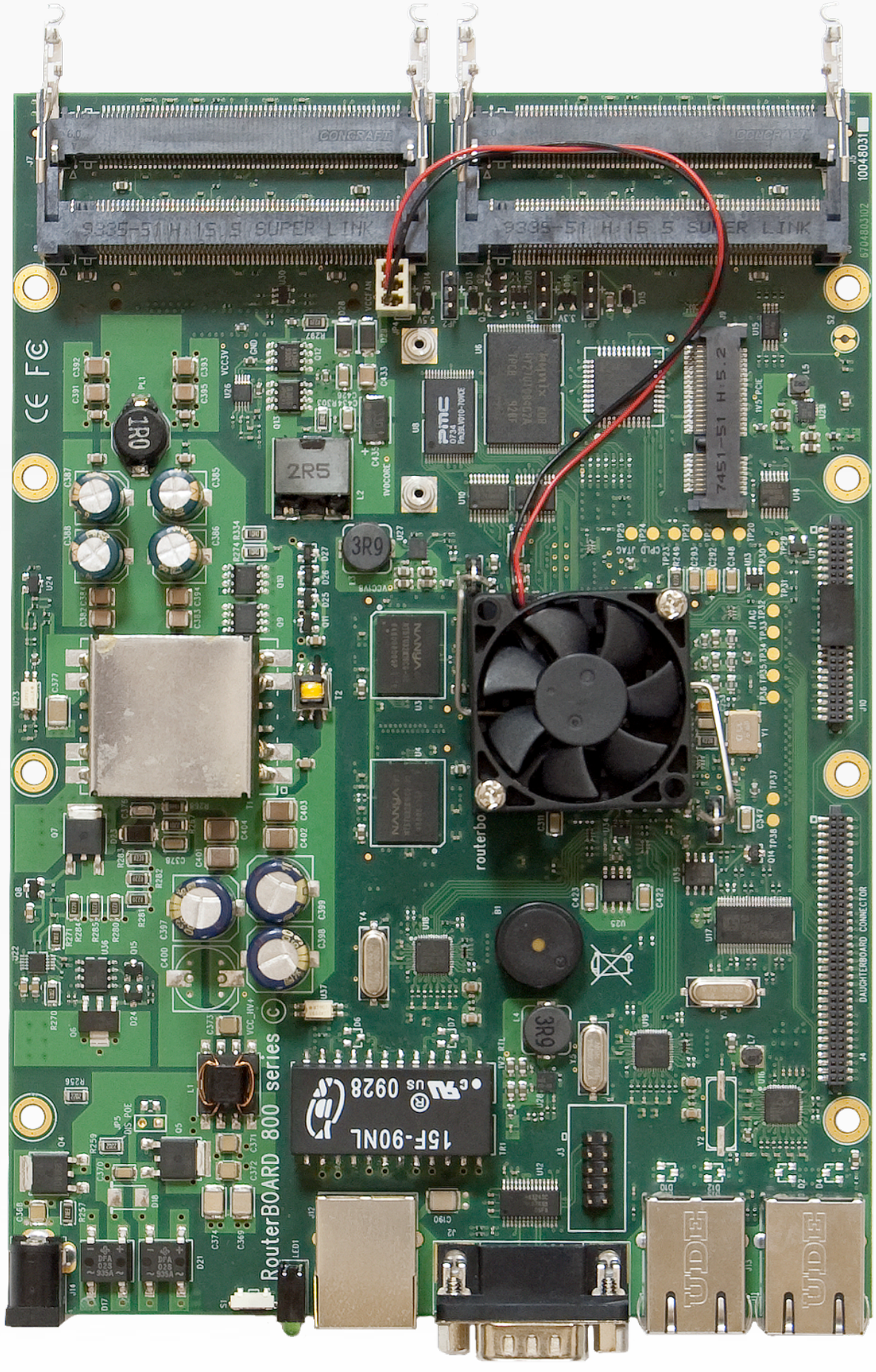
# RB493

+

Faster CPU
More RAM

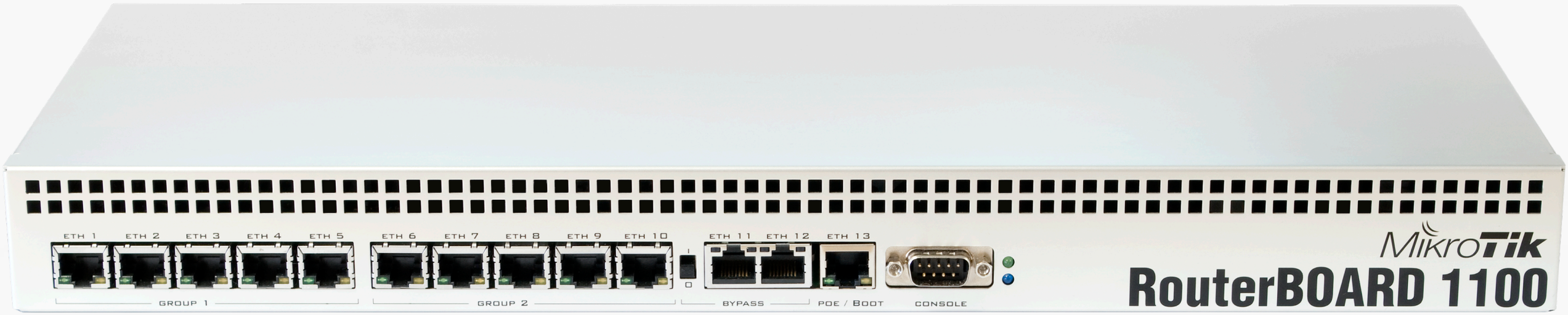
**A** - More Memory
**H** - High Power
**G** - Gigabit Port
**U** - USB
**R** - Built in Wireless
**N** - 802.11n

# Fast
# Small
# Affordable




# RB800

## High Speed Wireless x4 Gigabit Ethernet x3



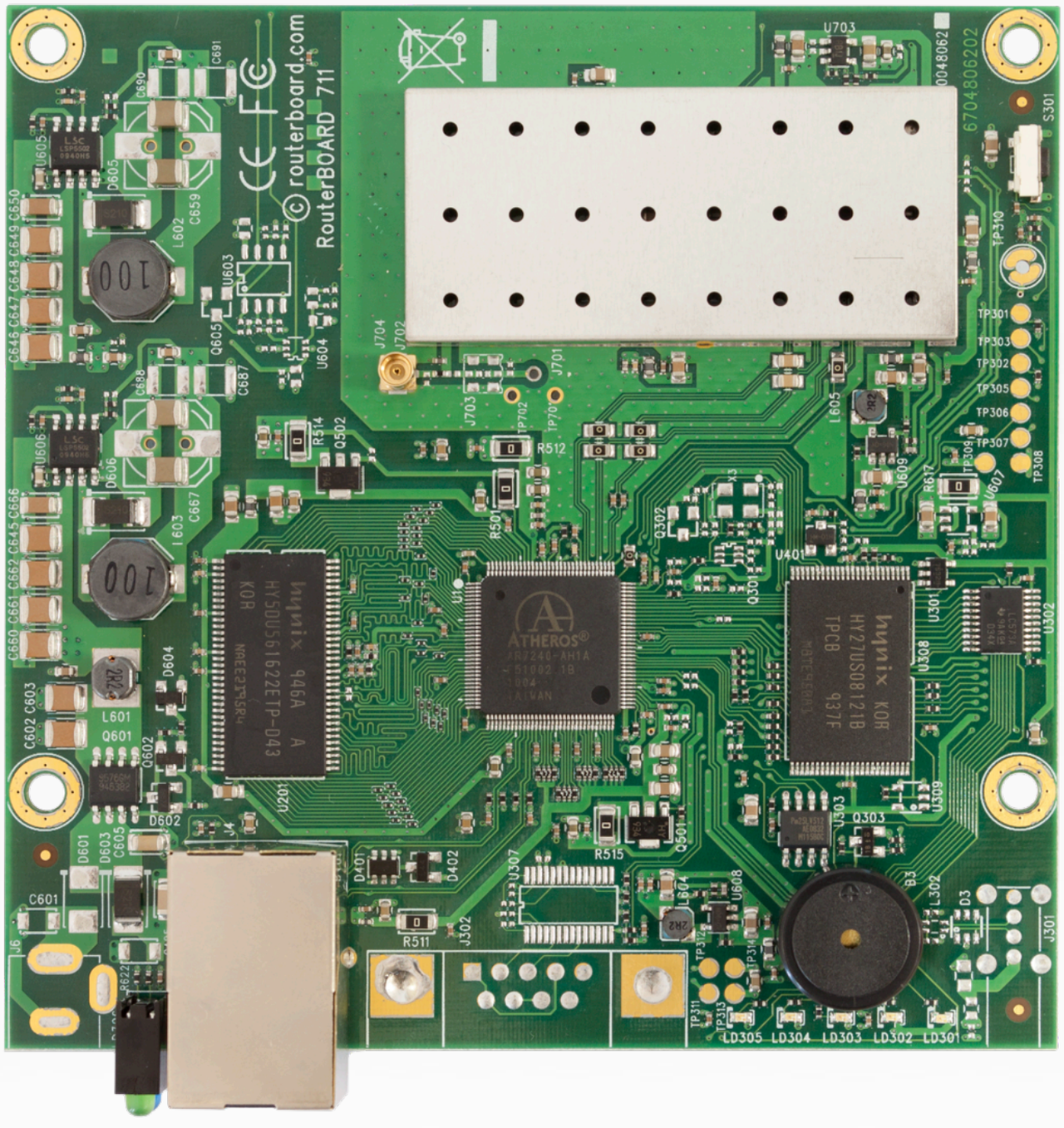

Gigabit x**13**

Bypass

1.9Gbps

# New Products

# RB711




# 802.11a/n

# MMCX/u.FI

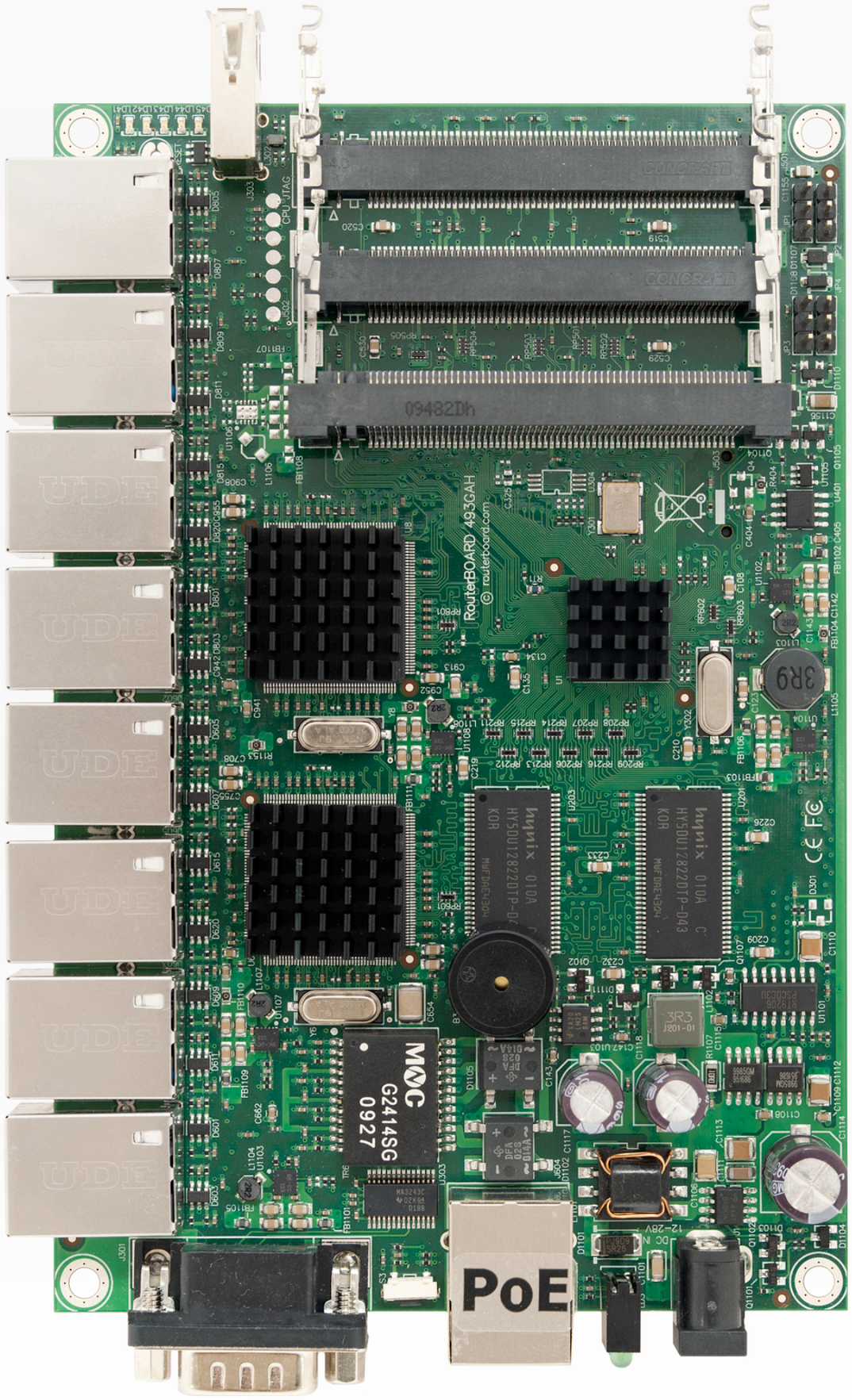
# 23dBm

# R52nM

a/b/g/n

MMCX

23dBm

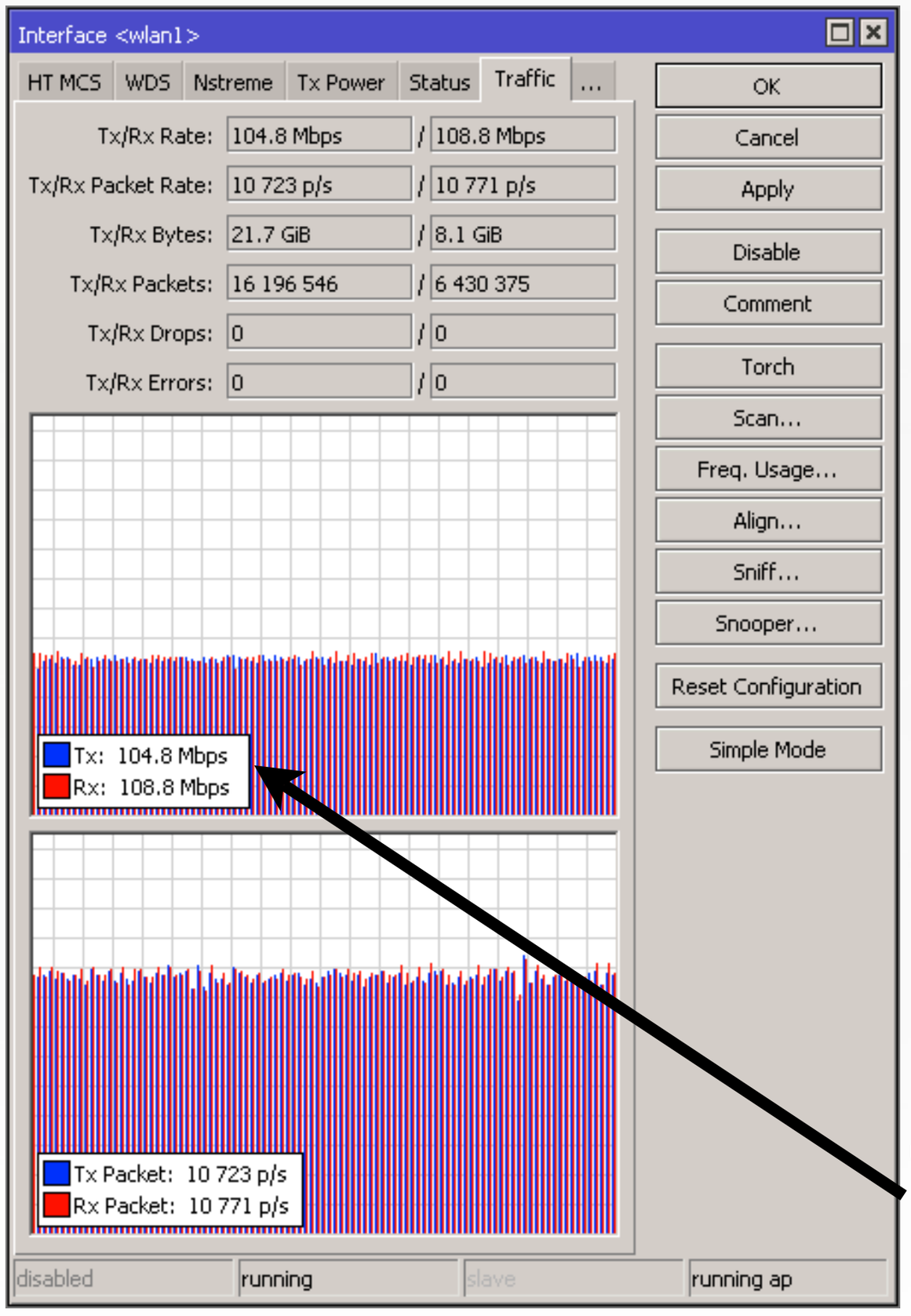



# RB493G

## Gigabit x**9**!
## Wireless x**3**

# RouterOS v5

Nv2




TDMA

More Clients

Low Latency

TCP full duplex!

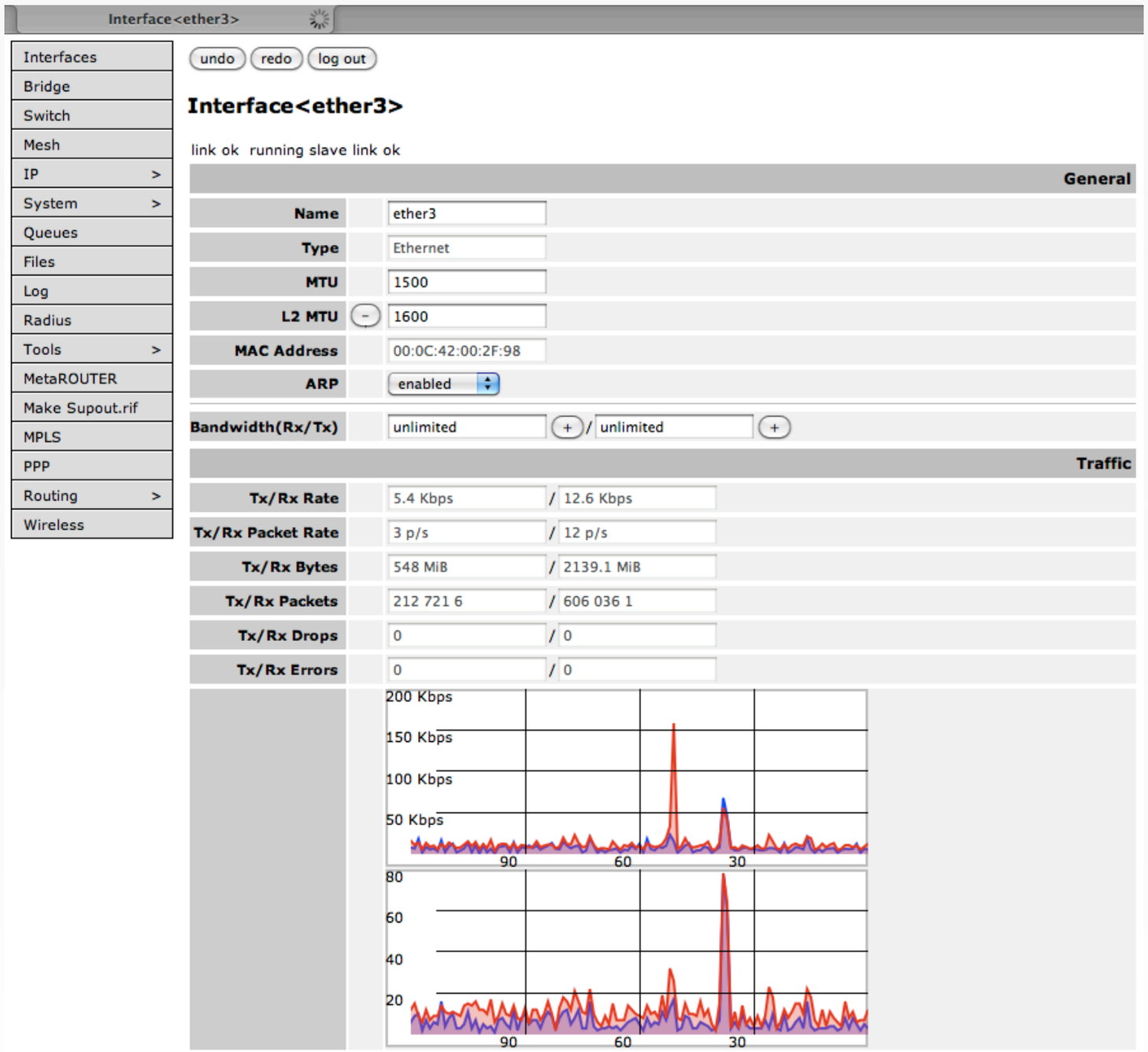
# More about Nv2?

**Friday**

09:45 Uldis (MikroTik, Latvia)

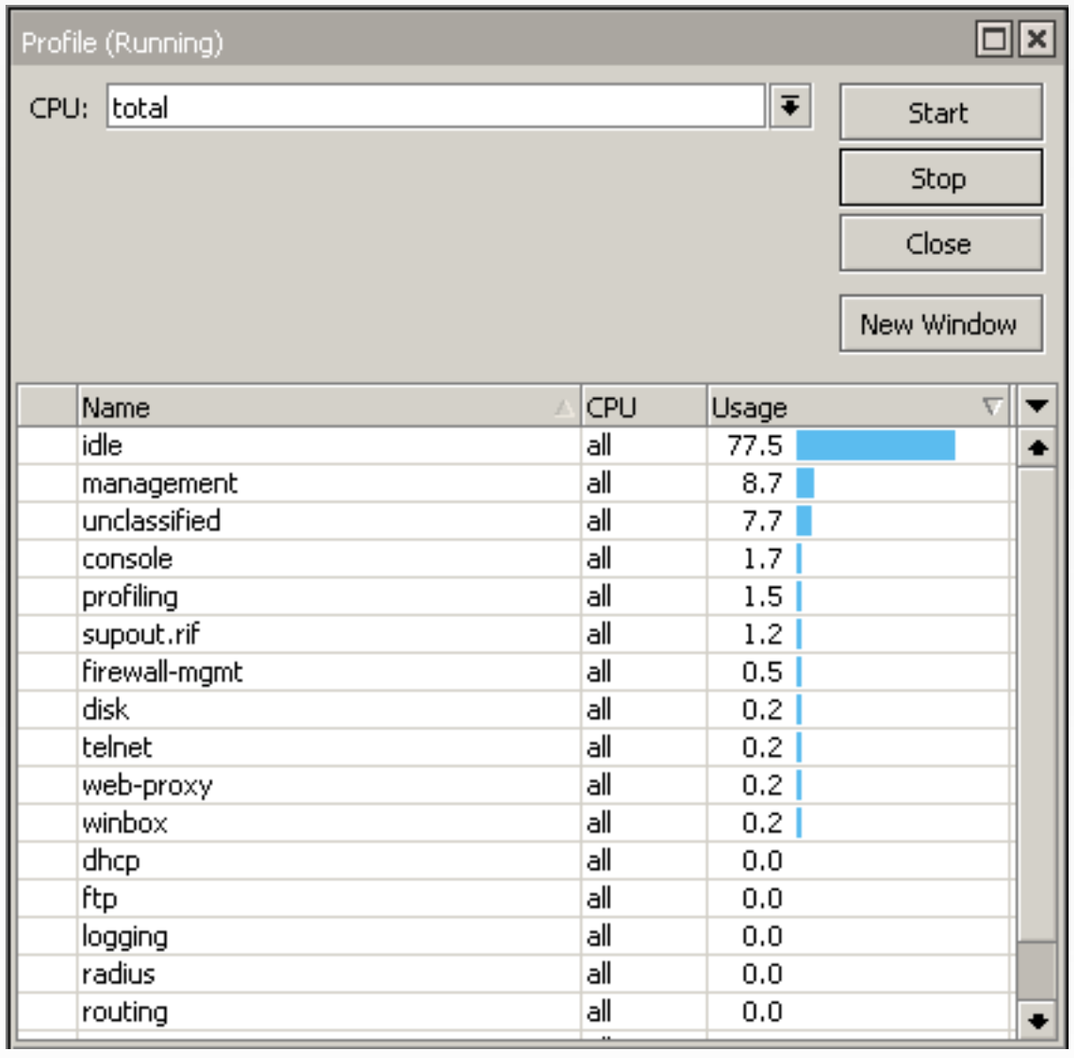
10:30 Brian Vargyas (Baltic Networks, USA)

# Webfig(beta)



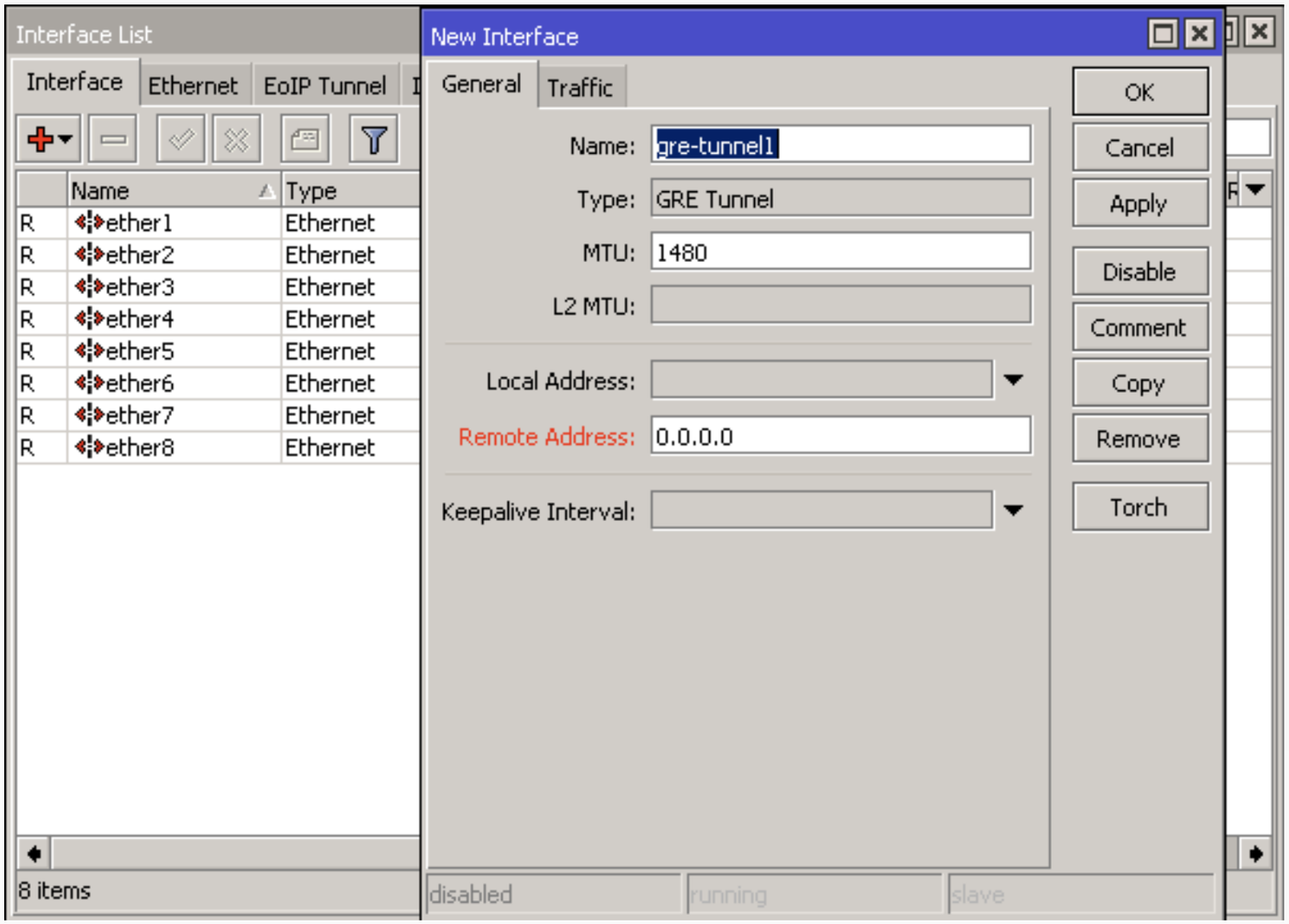

# Winbox in browser!

# CPU Load?


Profile (Running)
CPU: total
Start
Stop
Close
New Window
Name
CPU
Usage
idle all 77.5
management all 8.7
unclassified all 7.7
console all 1.7
profiling all 1.5
supout.rif all 1.2
firewall-mgmt all 0.5
disk all 0.2
telnet all 0.2
web-proxy all 0.2
winbox all 0.2
dhcp all 0.0
ftp all 0.0
logging all 0.0
radius all 0.0
routing all 0.0

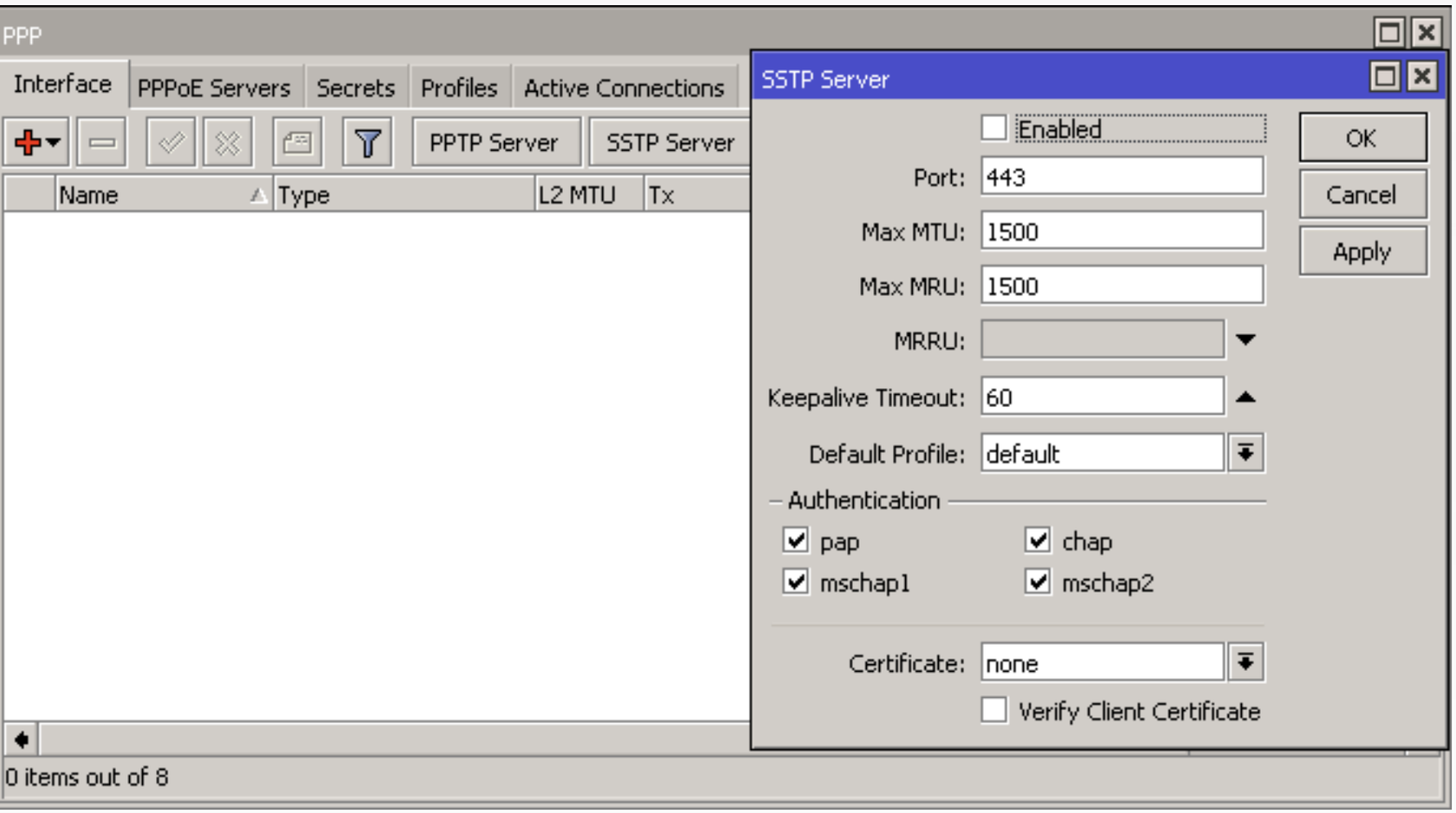
# TOP!

# GRE




# Cisco and RouterOS

# SSTP




# Windows7 and RouterOS

IPv6

PPPoE

SSH

# Other improvements

IPSec FQDN

SNMP

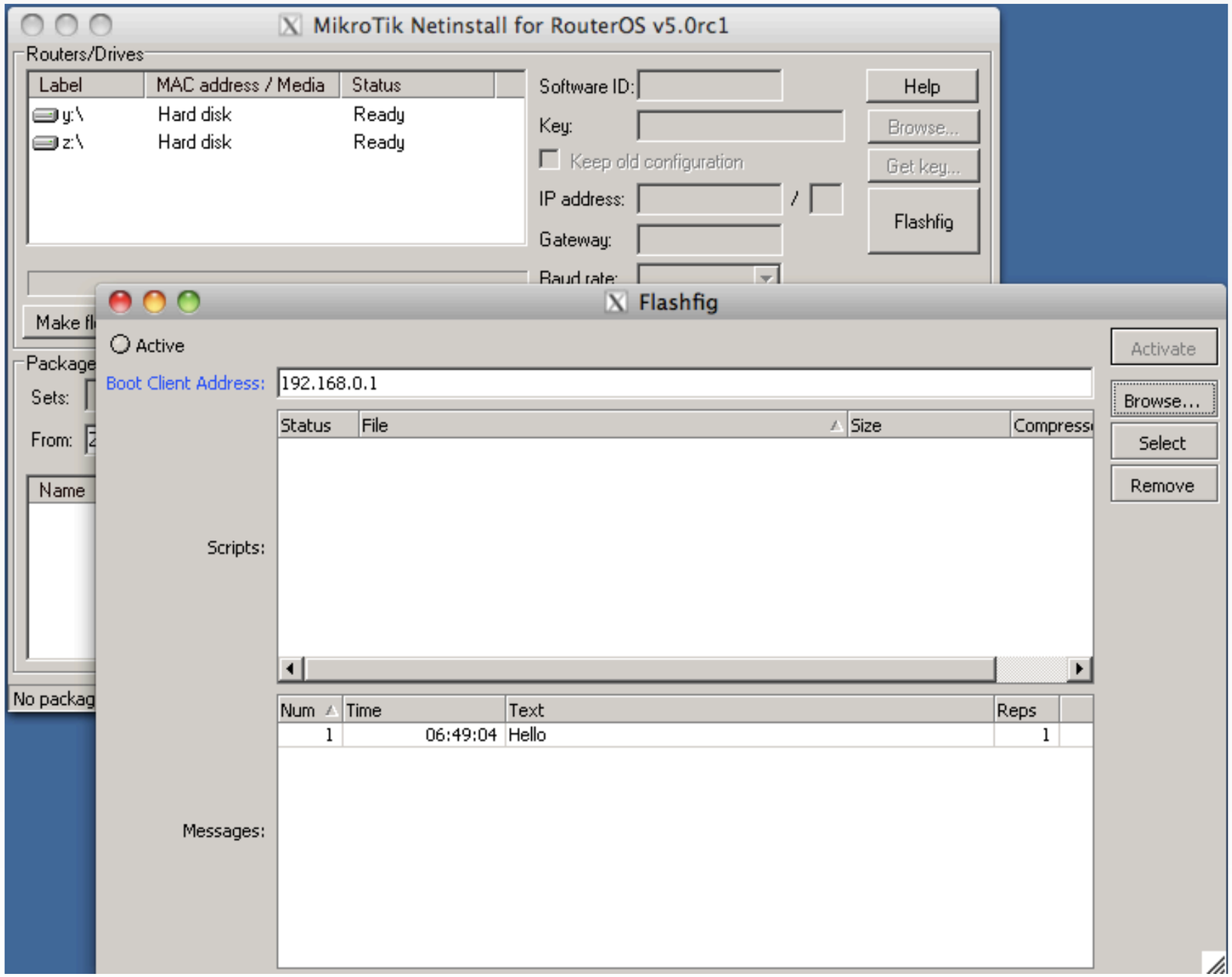
SSH

...

# x86 Multicore improvements

IRQ balancer, RPS and much more by Janis Megis  at 10:30

# Flashfig




Batch Config under **3s**

New Kernel

v2.6.35

New Drivers
Ethernet
3G ...

# RB250GS

# RB250GS

Small as 750

Smart - SwOS

Fast - Gigabit

Access

192.168.88.1

from **any** host

# SwOS

# Web Interface

MikroTik SwOS

Link | Forwarding | Statistics | VLAN | VLANs | Static Hosts | Hosts | SNMP | ACL | System | Logout

| | Port1 | Port2 | Port3 | Port4 | Port5 |
|---|---|---|---|---|---|
| **Link** | | | | | |
| **Enabled** | ☑ | ☑ | ☑ | ☑ | ☑ |
| **Link Status** | link on | no link | link on | link on | no link |
| **Auto Negotiation** | ☑ | ☑ | ☑ | ☑ | ☐ |
| **Speed** | 100 | | 1000 | 1000 | 100 ▼ |
| **Full Duplex** | yes | no | yes | yes | ☑ |
| **Crossover** | no | no | no | no | no |
| **Flow Control** | ☑ | ☑ | ☑ | ☑ | ☑ |

Discard Changes | Apply All

# Main features

Configure VLANs
Port to Port Forwarding
MAC Filter
Mirror Traffic
Adjust MAC and IP headers

Use!

5 Smart Gigabit ports

routerboard