



MikroTik user meeting



What do we do?

We create networks

Our products include

RouterOS

built and advanced for more than 20 years

RouterBOARD

Wireless outdoor, indoor, Ethernet routers

CRS

Switches with RouterOS

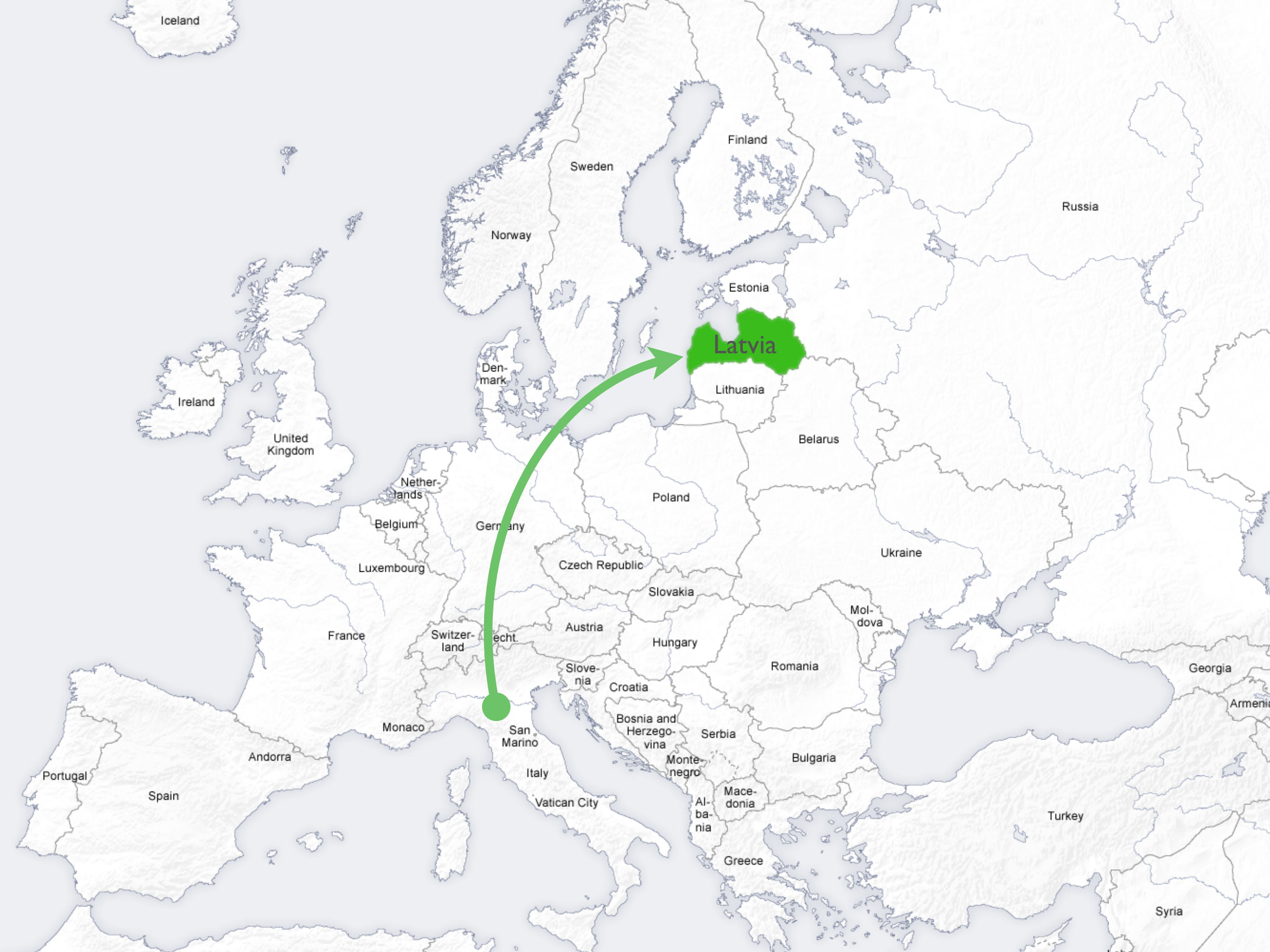
CSS

Switches with SwOS

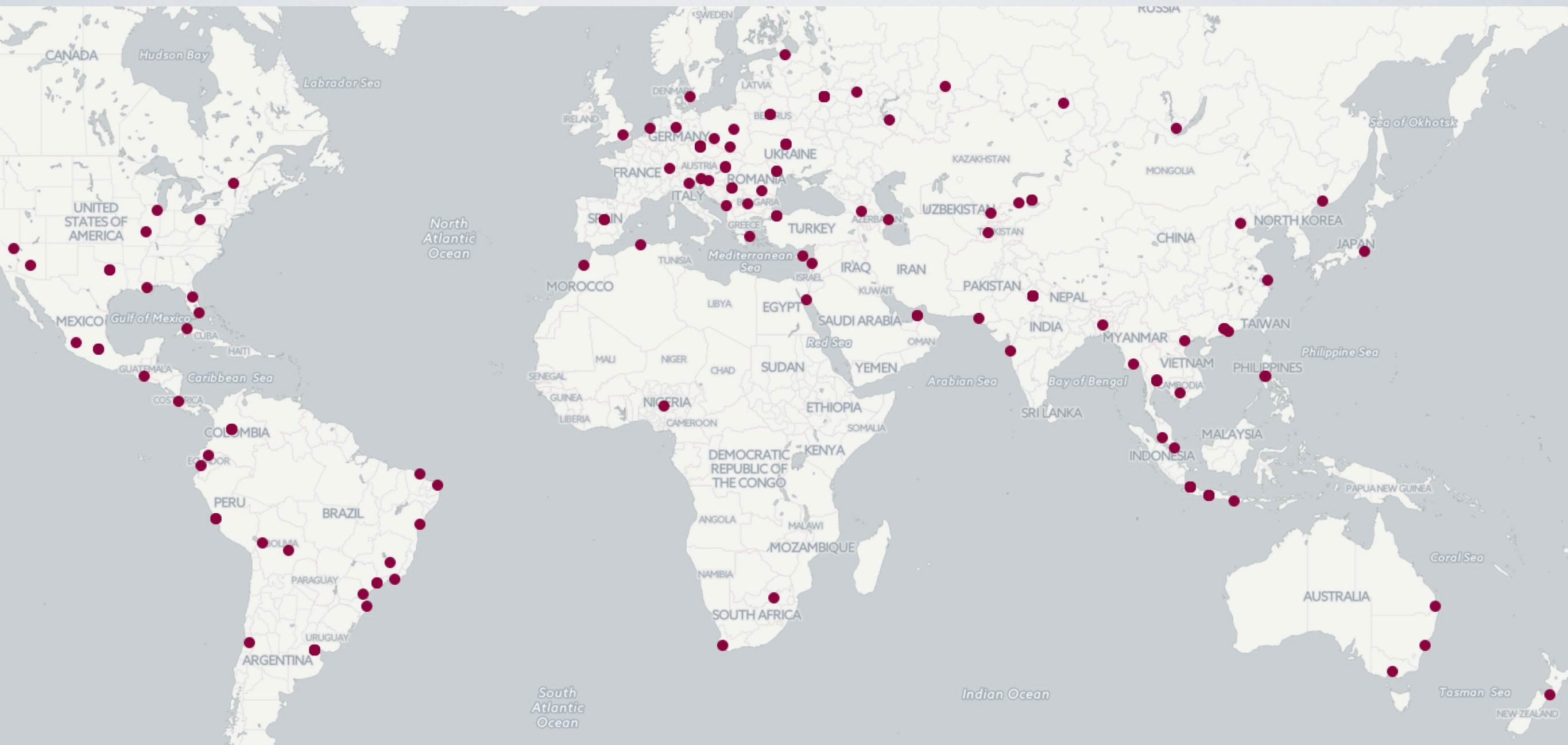


- Established 1996
- RouterOS created in 1997
- RouterBOARD created in 2002
- First MUM event in Prague 2006
- MUM in Indonesia had 2500 people
- 34 events in 2016





no matter where you are



Record number of MikroTik staff available!

A red rectangular button with rounded corners, centered on the page. The word "STAFF" is written in white, uppercase, sans-serif font in the center of the button.

STAFF

Registration
Martins
Kaspars
Normunds

Registration	WiFi
Martins	Uldis
Kaspars	Antons
Normunds	Arturs

Registration	WiFi	Ethernet
Martins	Uldis	Janis M.
Kaspars	Antons	Emils
Normunds	Arturs	Janis B.

Registration	WiFi	Ethernet	Sales
Martins	Uldis	Janis M.	Janis J.
Kaspars	Antons	Emils	Edmunds
Normunds	Arturs	Janis B.	Karlis

John Tully (CEO)

Arnis Riekstiņš (CTO)

shall we?


- When you look for the future of worldwide accessibility to internet, don't look up at the satellite, look down at the sewer!
- Water based transport will provide multi gigabit plus for all those that have access to water using both small and large pipes to keep the internet flowing in a growing and thirsty world

- EOW - stands for Ethernet over water, a new 100Gb/s liquid transfer enhanced [LTE] revolutionary technology
- Based on Schrödinger's cat and Einstein's "no cat" transformational epiphanies



CCR-eOW-12x100G-36x25Gw
aka RouterBOARD **mEOW**

Just kidding!

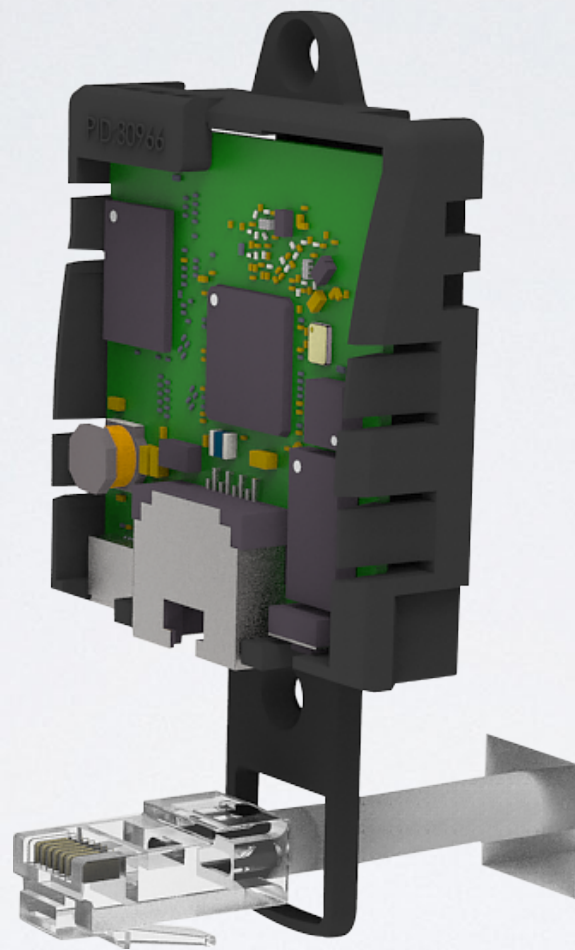
Happy April fools! 

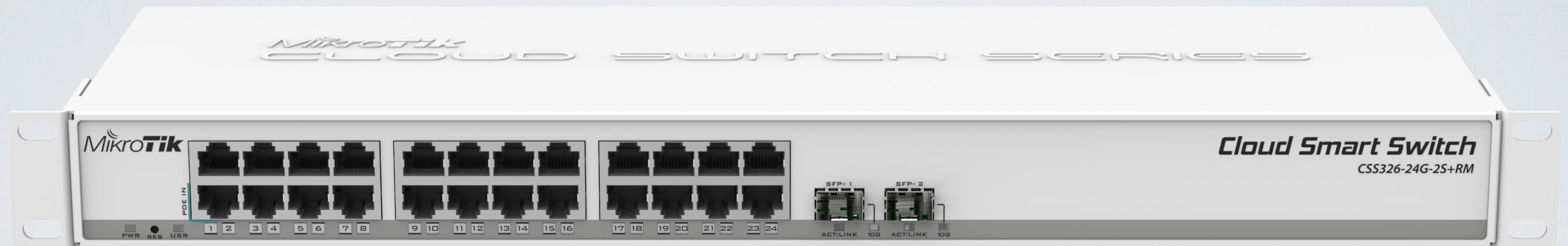
cAP lite

- If you haven't, open your bag
- Small and light 2GHz AP
- Case can be changed
- Print your own cases
- Perfect for hotel, public areas and extending networks in your house







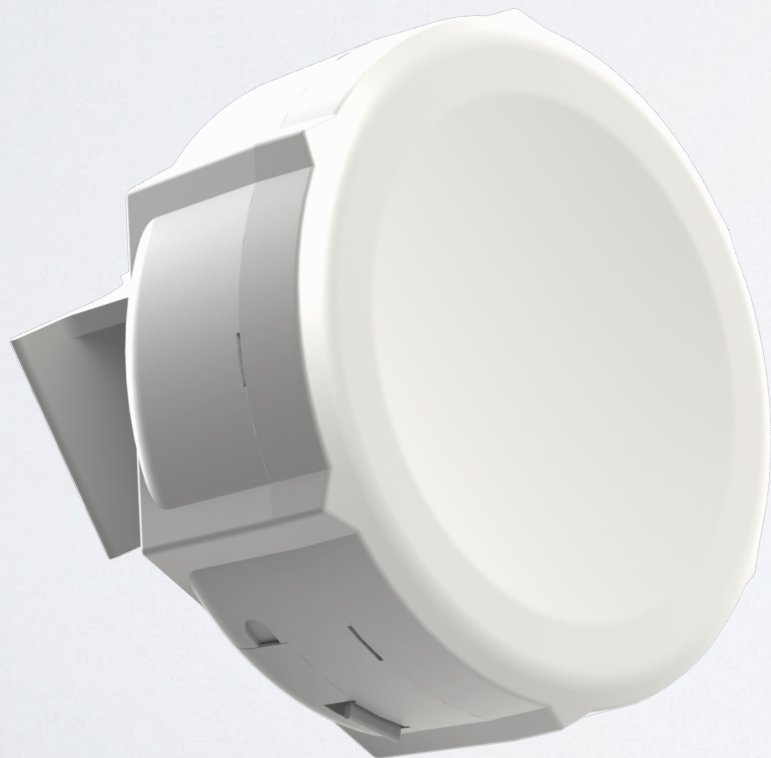


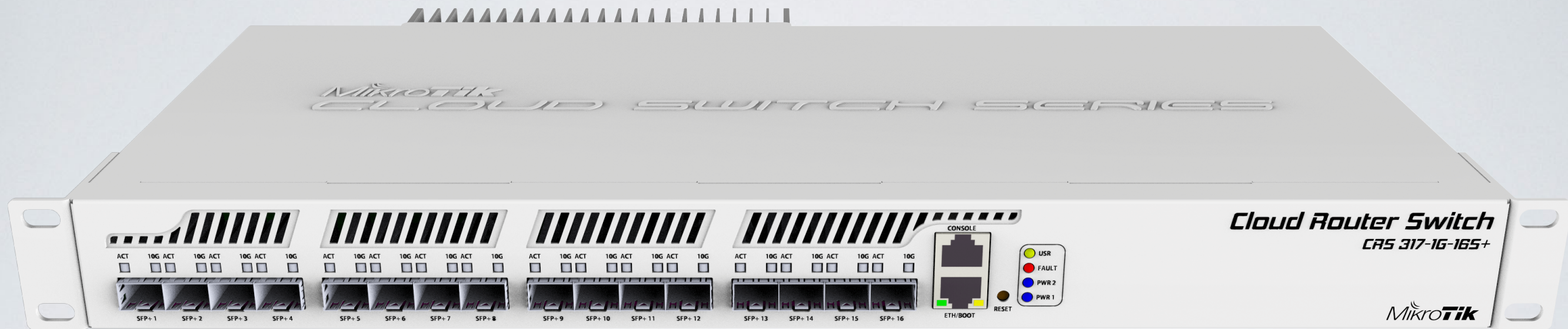
CSS326-24G-2S+RM

Multiport SwOS switch

DynaDish 6 and SXT 6

- Great for use in less used 6GHz spectrum
- Same familiar designs





CRS317-1G-16S+

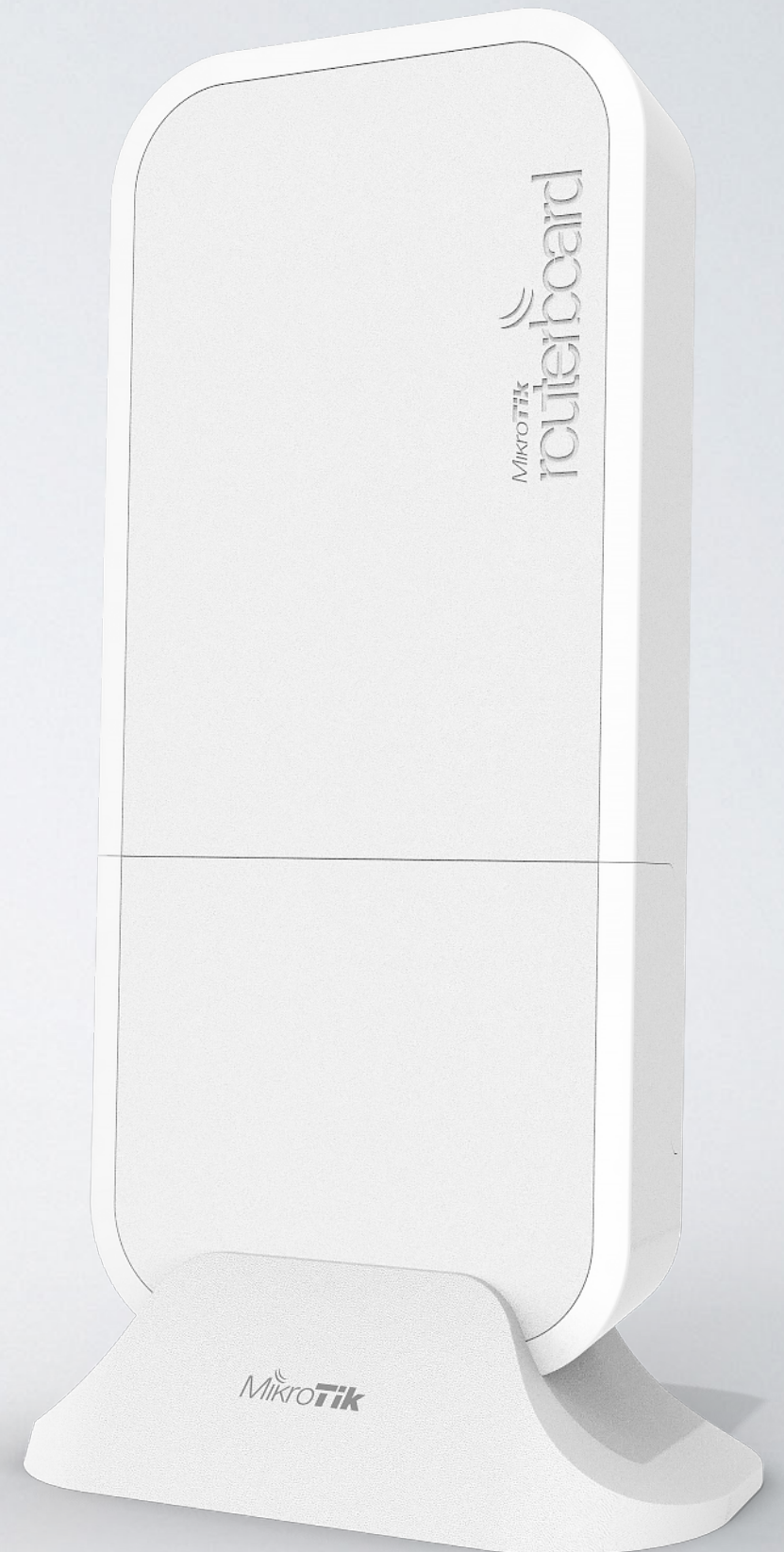
high performance SFP+ switch

CRS317-1G-16S+

- 16 SFP+ ports
- Next generation switching chip
- Wire speed for all 10GbE ports
- Hardware-based Spanning Tree Protocol
- Dual boot SwOS or RouterOS

wAP LTE kit

- Wireless AP for LTE
- EU version supports LTE bands 1,2,3,7,8,20,38,40
- 2G, 3G, LTE supported
- Optional external antennas
- Comes with a stand mount



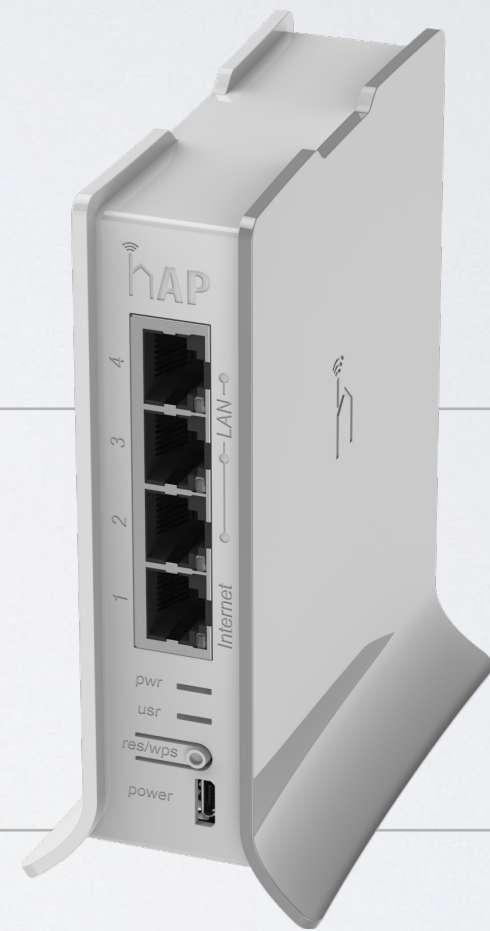
hAP mini

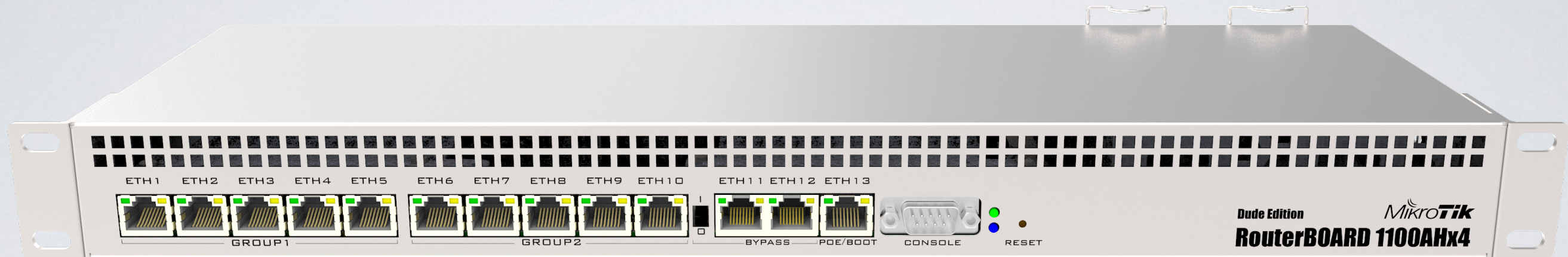
- Tiny 2GHz AP with three ports
- Upright design in new colours
- Only 8cm tall
- Two LAN ports, one WAN
- Configure differently if needed





8cm

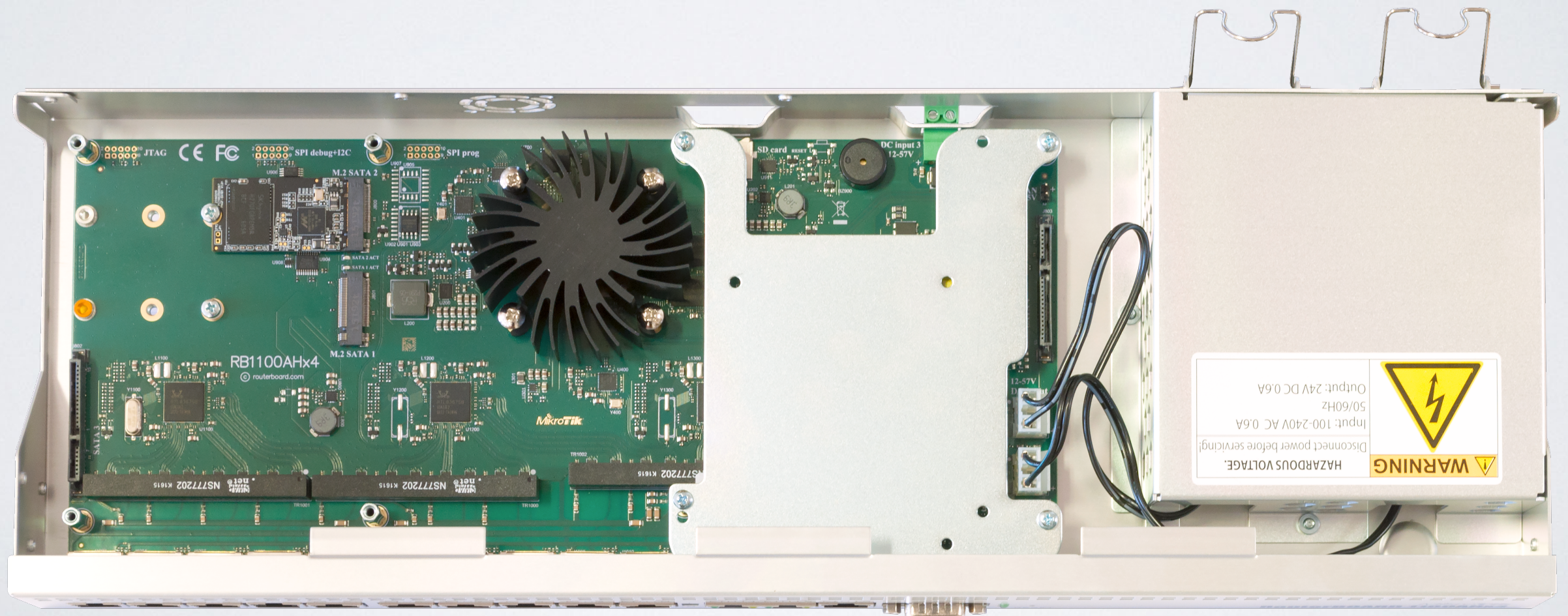




RB 1100AHx4

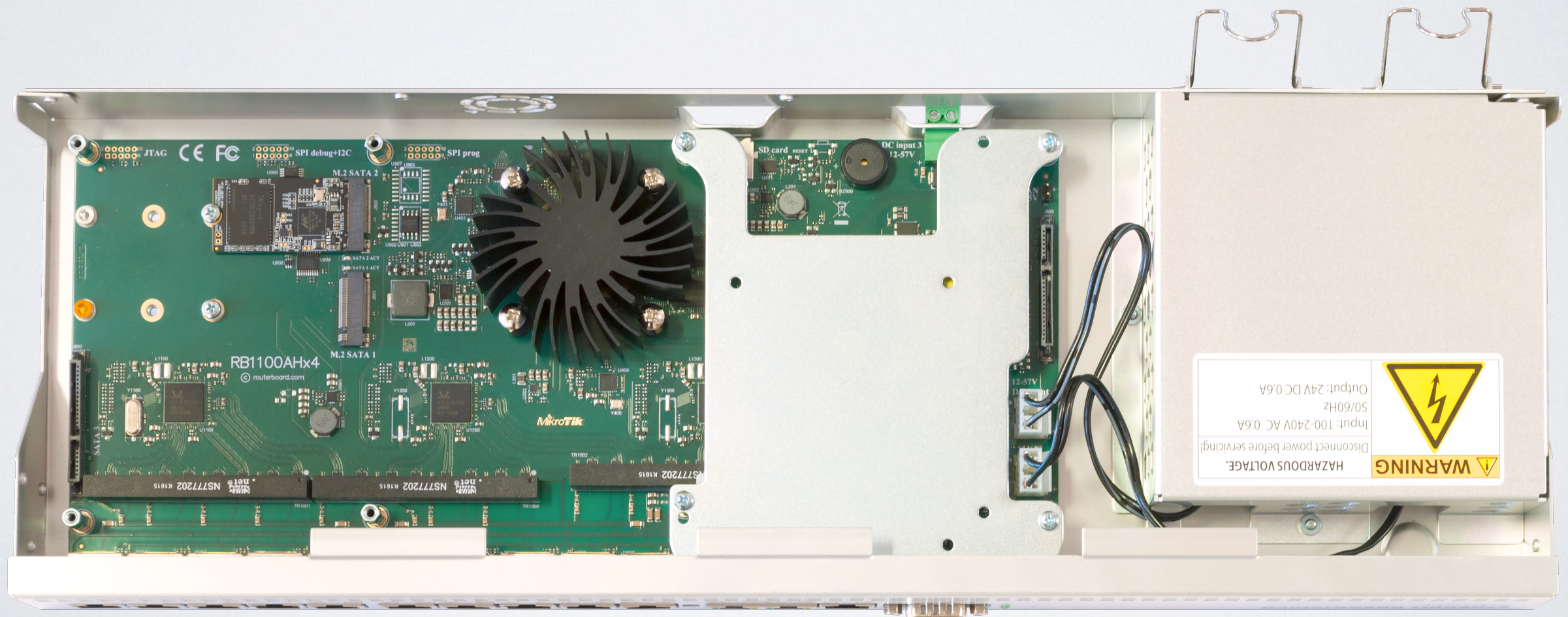
The timeless classic upgraded
with a new quad core CPU and more

Annapurna Alpine AL21400 CPU with
four Cortex A15 cores clocked at 1.4 GHz



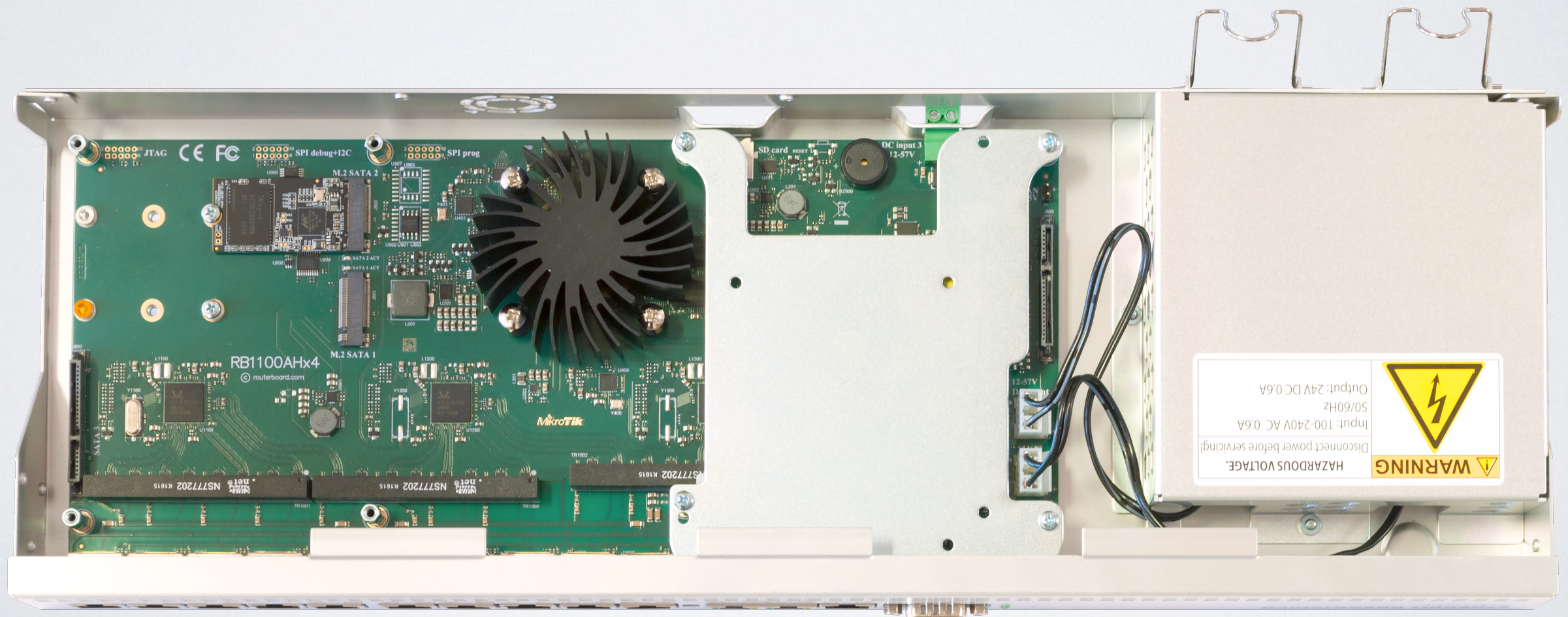
Annapurna Alpine AL21400 CPU with
four Cortex A15 cores clocked at 1.4 GHz

- Two SATA3 ports



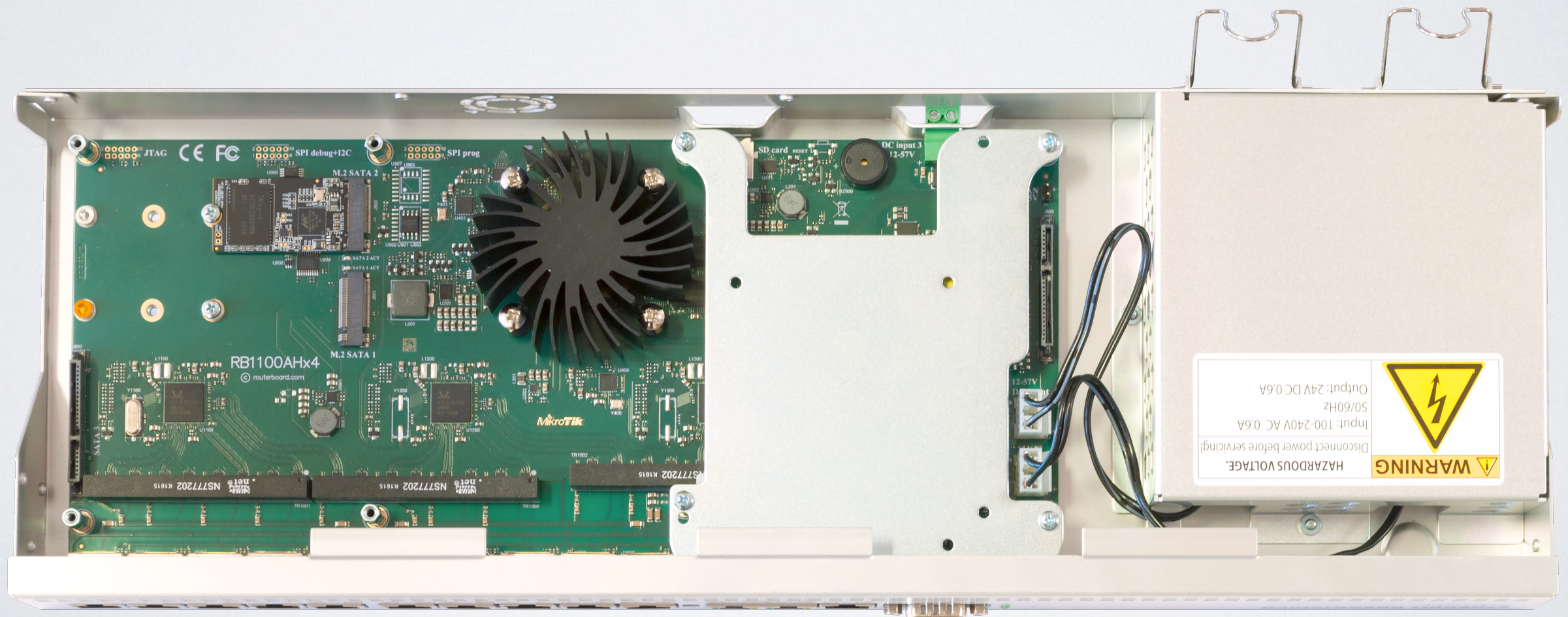
Annapurna Alpine AL21400 CPU with
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- Two SATA3 ports
- Two M.2 ports



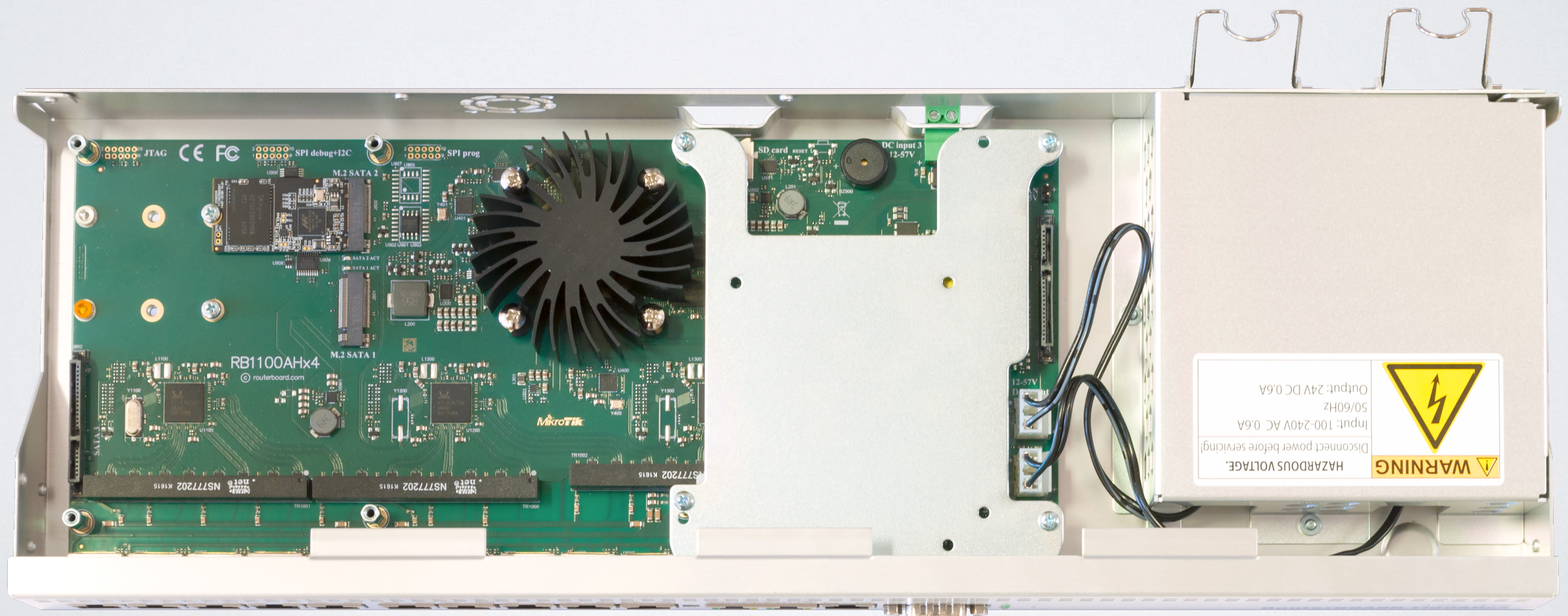
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- Two SATA3 ports
- Two M.2 ports
- 60GB SSD included



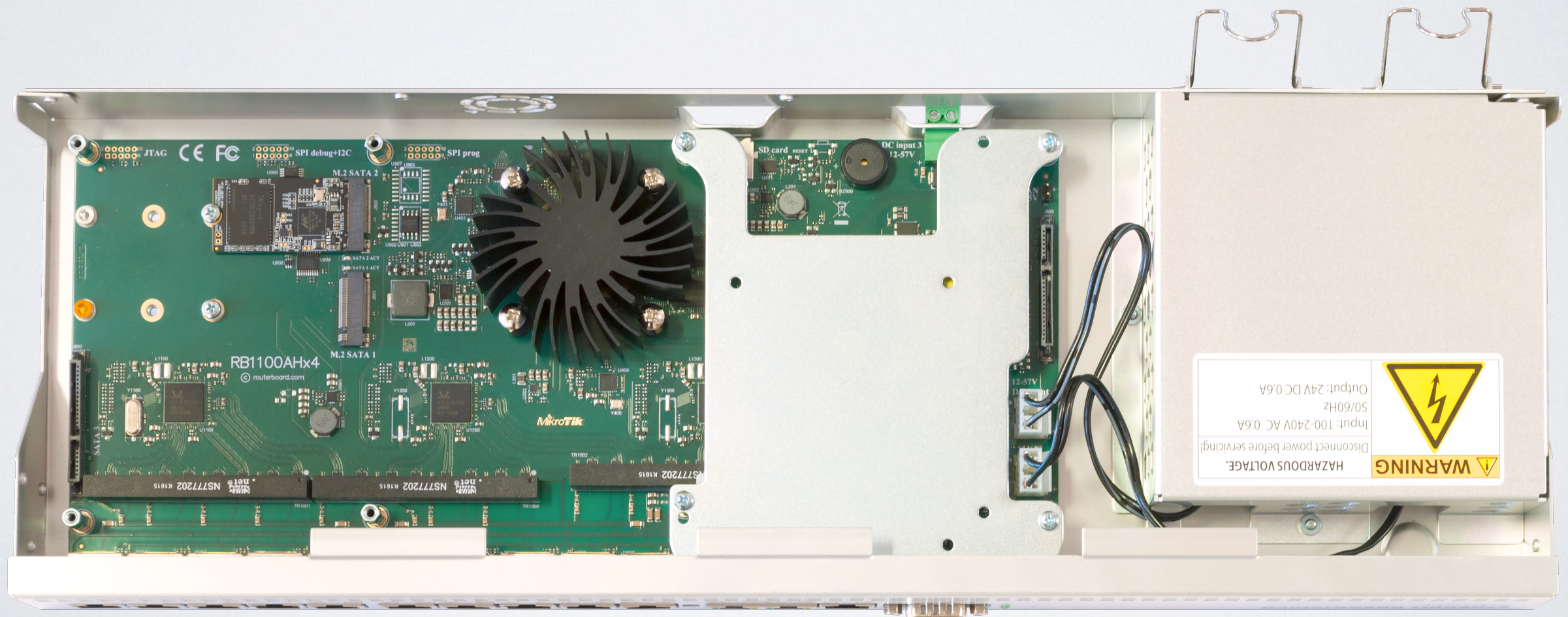
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- Accelerated IPsec



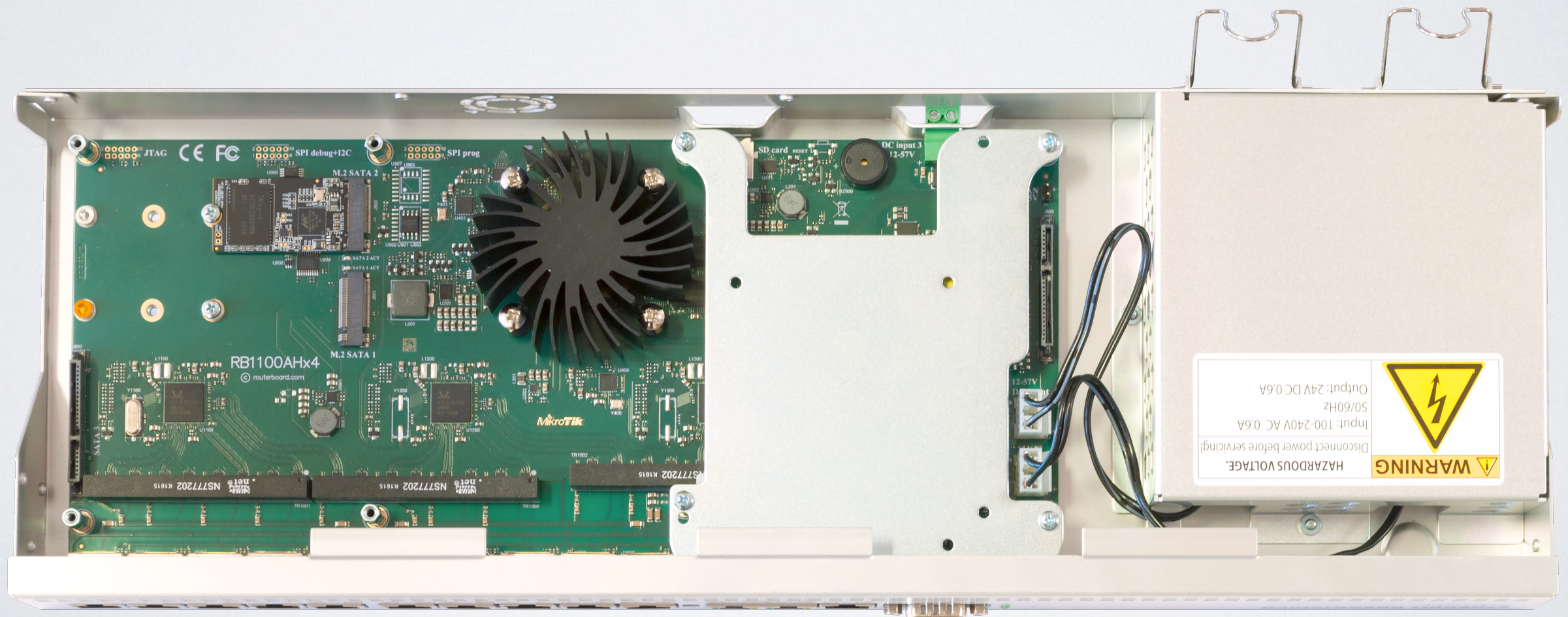
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- Two SATA3 ports
- Two M.2 ports
- 60GB SSD included
- Accelerated IPsec
- -48V DC telecom power



Annapurna Alpine AL21400 CPU with four Cortex A15 cores clocked at 1.4 GHz

- Two SATA3 ports
- Two M.2 ports
- 60GB SSD included
- Accelerated IPsec
- -48V DC telecom power
- Dual PSU





- 5.5 million PPS
- 7.5Gbps
- IPsec up to 2.2Gbps with AES128
- Overclock up to 2GHz

Two editions

- **RBI I 00AHx4**
- **RBI I 00AHx4 Dude edition**
includes 2x M2 and 2x SATA3 ports

PowerBox Pro

- Gigabit ethernet ports
- PoE output for your CPEs
- Same as hEX PoE
- Supports 802.3af/at
- SFP for fiber to tower
- Improved design



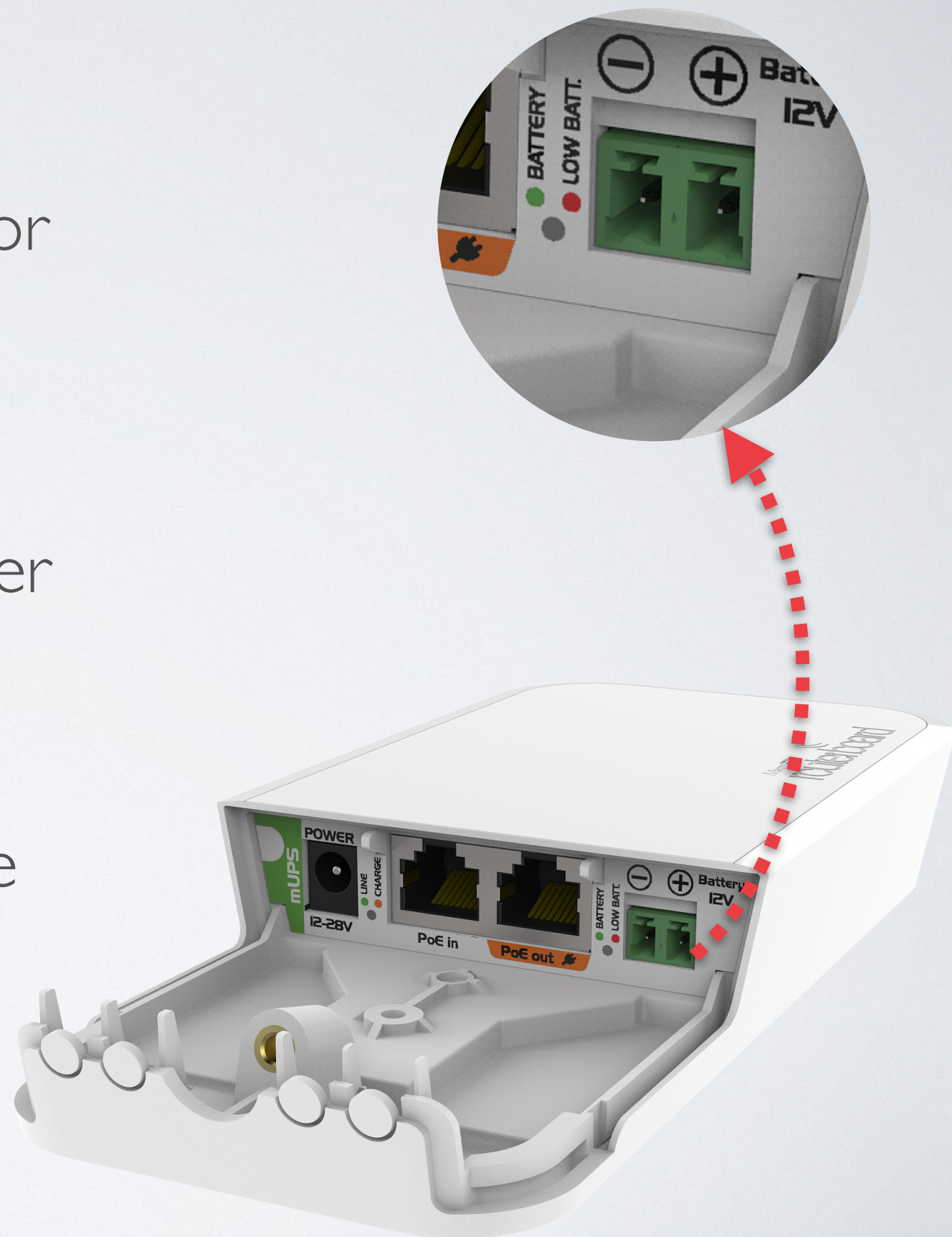
mUPS

- Just like a smart PoE injector
- Battery connector for 12V batteries (external)
- Battery kicks in when power is lost
- Step up converter keeps device going even if Voltage differs
- Can charge and monitor



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LtAP mini

- 2GHz AP in a rugged case
- miniPCle for LTE
- Built in GPS
- Serial port for other devices
- Perfect for cars or outdoor mobile applications





LtAP

- 2x miniPCle
- Built in 2.4GHz AP
- MMIPS Mediatek CPU 880MHz
- 2x MMCX connectors
- Built in GPS

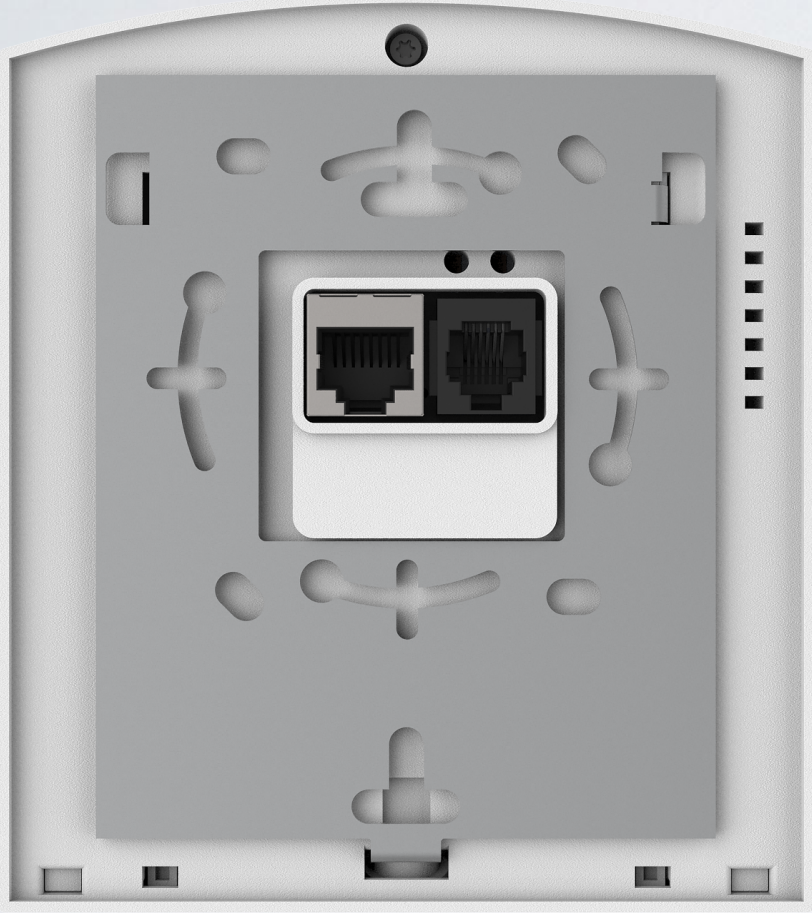


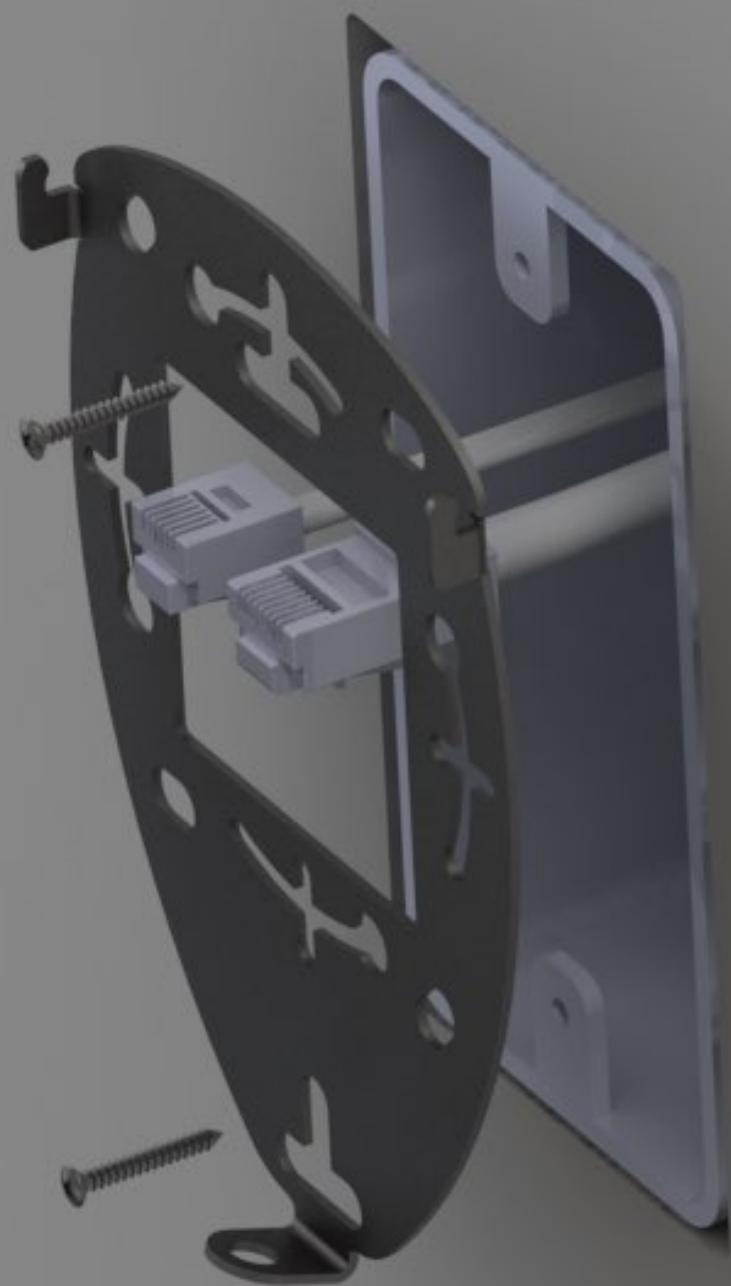


wsAP ac lite

- Mount into standard EU or US electrical sockets
- Dual band ac
- Phone jack passthrough
- Two LAN ports
- USB for charging phones







wAP

wAP



wAP 60G



wAP 60G

- 1 Gbit full duplex (wire speed)



wAP 60G

- 1 Gbit full duplex (wire speed)
- “Wireless wire” kit preconfigured
- Works in 60GHz spectrum
- Quad-core ARM CPU
- Targeted for up to 100m distances
- Q2/Q3



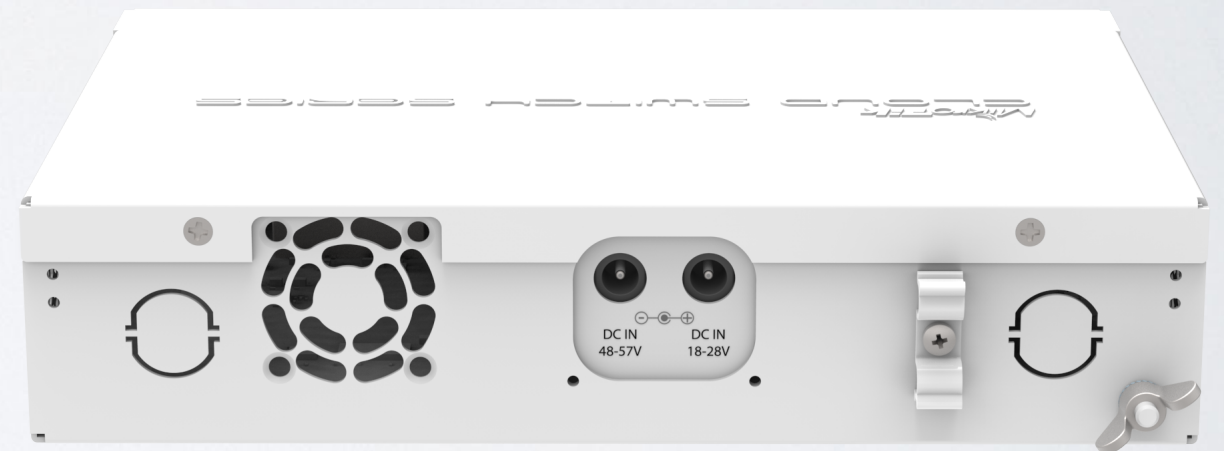
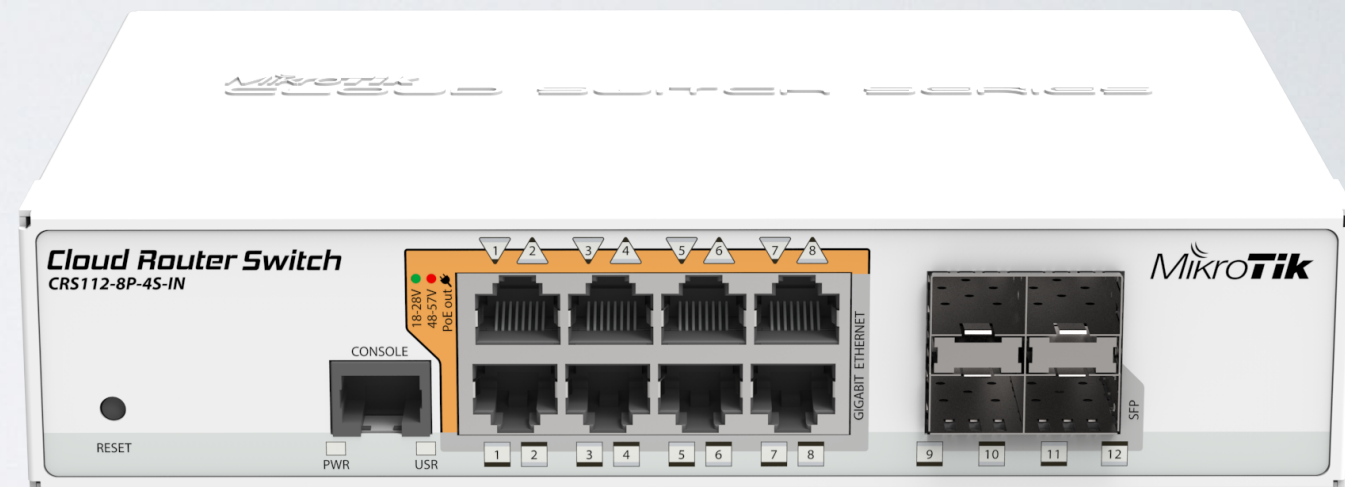
LHG 60G

- 1 Gbit full duplex (wire speed)
- Works in 60GHz spectrum
- Familiar LHG design
- Quad-core ARM CPU
- Low cost and low weight
- Longer distance than 100m
- Q2/Q3



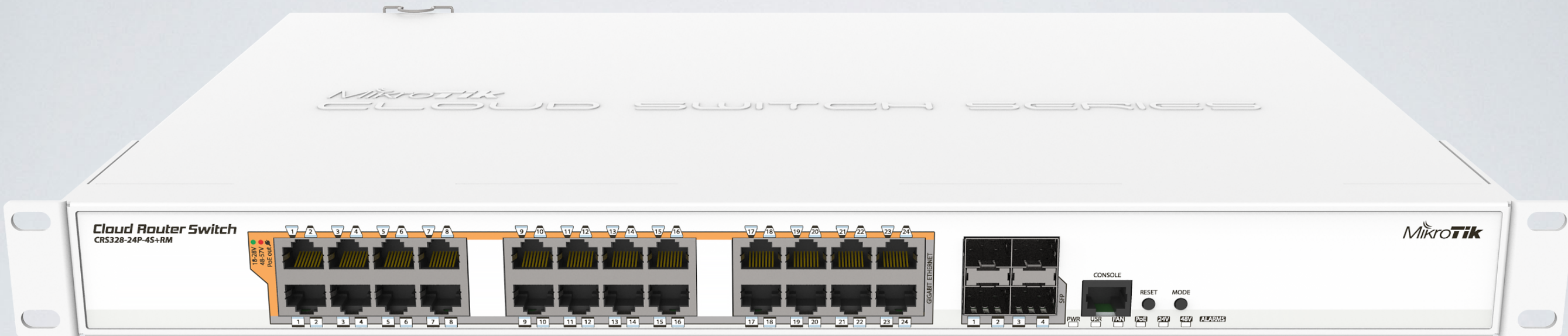
CRS112-8P-4S

- PoE out 802.3af/at
- Eight gigabit ports
- Separate PSU for passive or 802.3af/at PoE out
- Low voltage PSU included
- Per port auto detection of PoE standard
- Four SFP ports



CRS328-24P-4S+RM

PoE out switch



CRS328-24P-4S+RM

PoE out switch

CRS328-24P-4S+RM

- Dual boot SwOS or RouterOS
- 24 ports with PoE out function
- Supports 802.3af/at output
- Per port auto detection of PoE standard
- Four SFP+ ports for 10GbE
- One 120/220V IEC connector

Woobm

- Wireless out of band management (Woobm)
- Plug into a device to have a new management AP
- Can work as client to use in CCR rackmounts

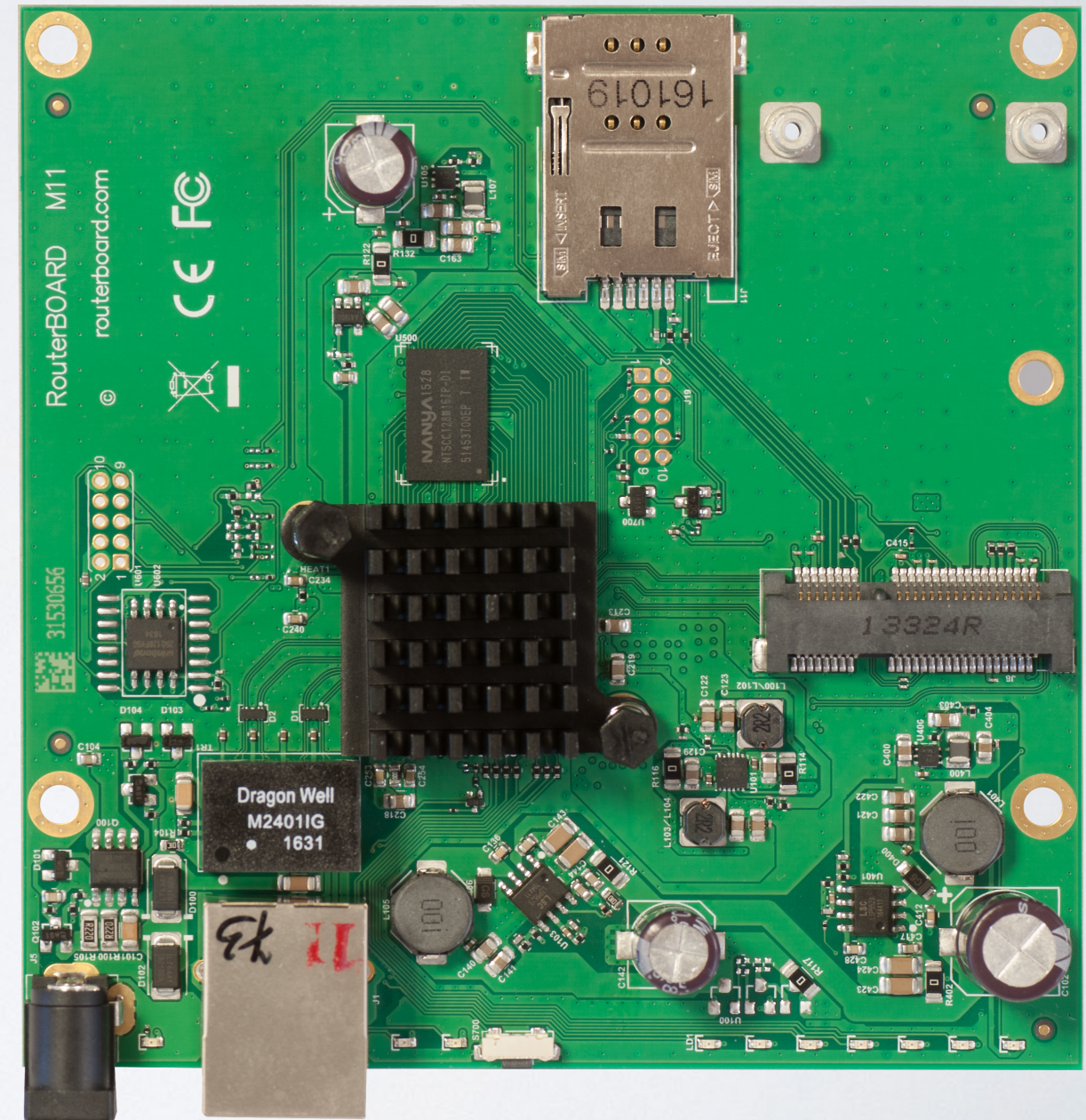
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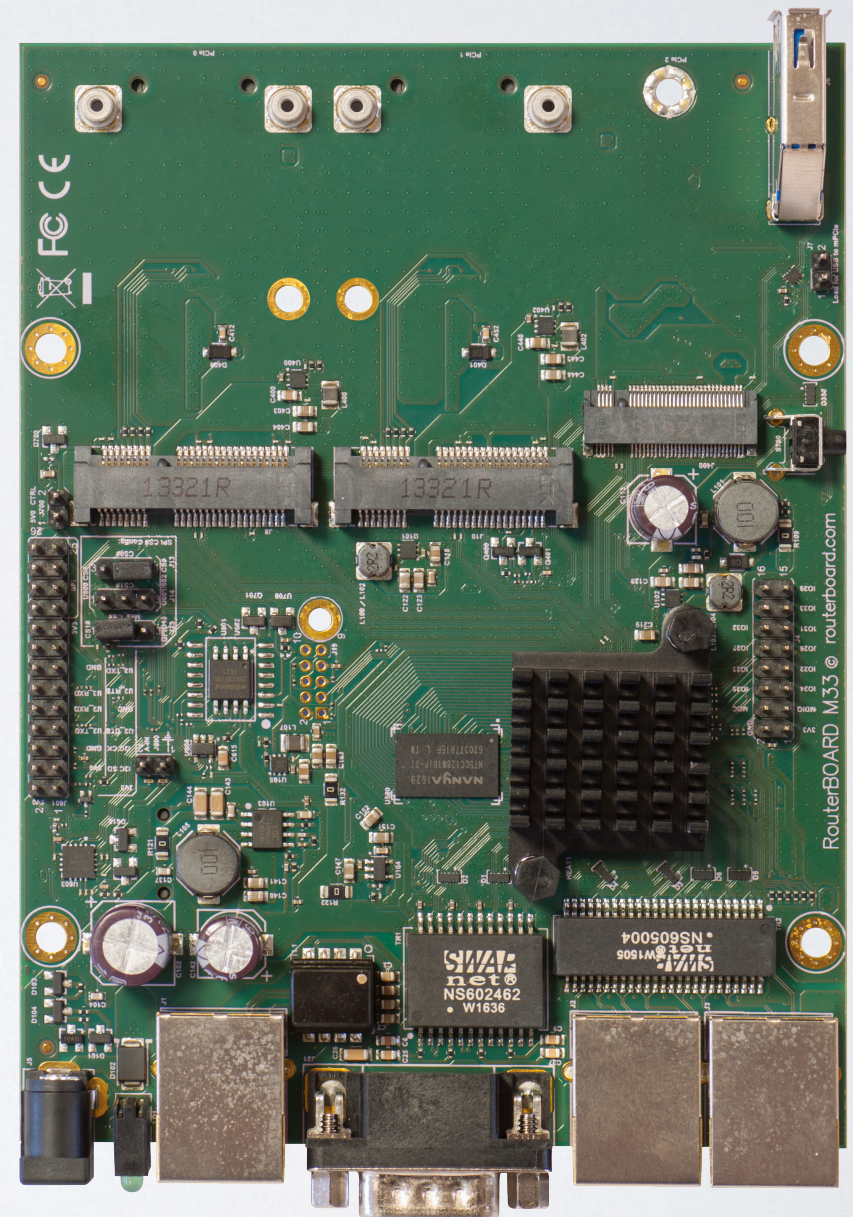
M11

- Four core 880MHz CPU
- 1 miniPCle slot
- 1 Gigabit ethernet



M33

- Four core 880MHz CPU
- 3 Gigabit ethernet
- 2 miniPCle slots
- 1 M.2 slot
- USB 3.0 and Serial port





MikroTik

The image shows the MikroTik logo in a dark gray, sans-serif font. The word "Mikro" is in a regular weight, while "Tik" is in a bold weight. Above the letter 'i' in "Mikro", there are three curved lines that sweep upwards and to the right, resembling a stylized signal or a wing. The entire logo is centered horizontally and has a subtle reflection effect on the surface it appears to be resting on.