



MUM Costa Rica

2018



What do we do?

We create networks



- Established 1996
- RouterOS created in 1997
- RouterBOARD created in 2002
- First MUM event in Prague 2006
- MUM in Indonesia had over 3100 people
- 25 events in 2017



LATVIA





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

no matter where you are

More than 175 MUM events around the world





STAFF

Look for MikroTik staff in the red t-shirts

Edmunds (sales, training)

Pauls (support)

Martins (support)

09:00

Presentations

12:00

Lunch with tickets

13:00

Presentations

17:00

Closing of the MUM

WiFi

SSID: MikroTik_MUM

MUM Live

www.youtube.com/mikrotik

Special thanks



Some of our latest products

1 Gbit
over wireless

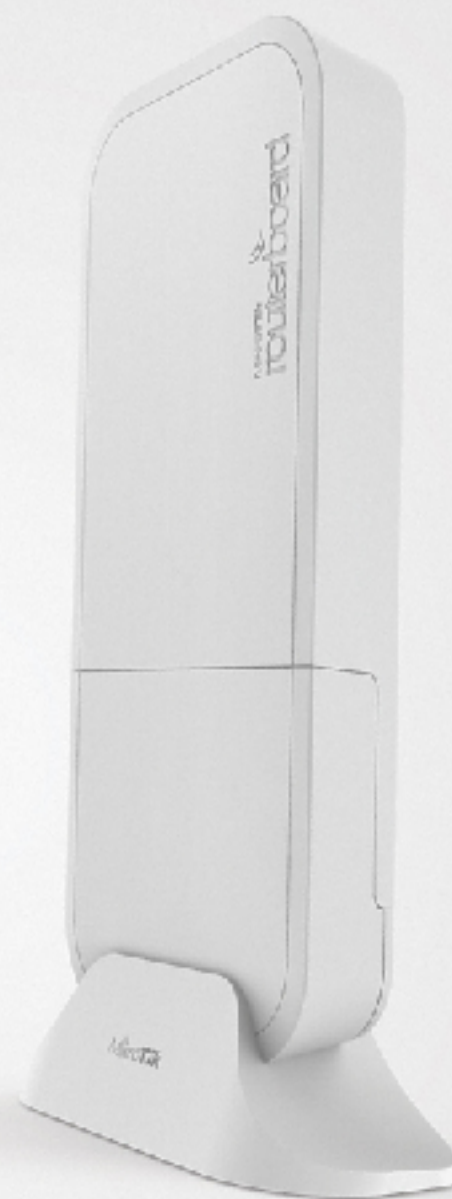
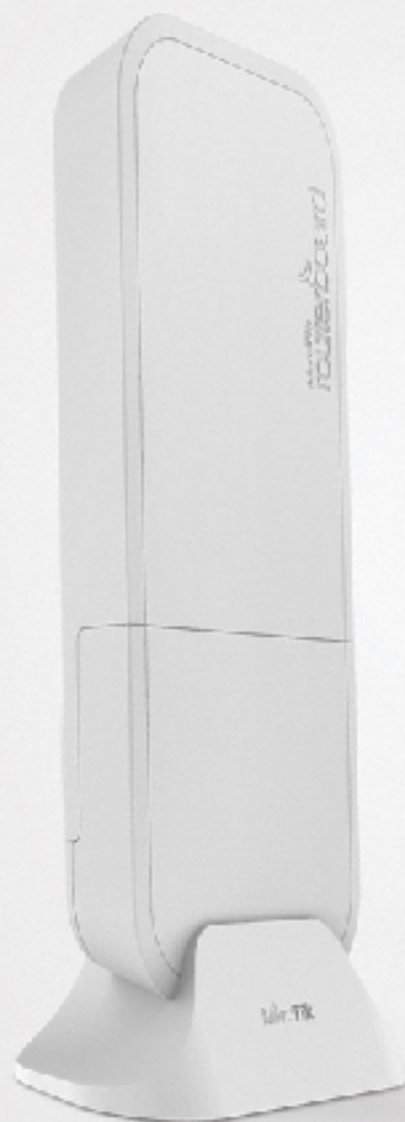
100m+
range

60GHz
radio

Gigabit
Ethernet

Paired
Secure Link
pre-configured

Powered by
IEEE 802.3af/Passive
PoE, DC Jack



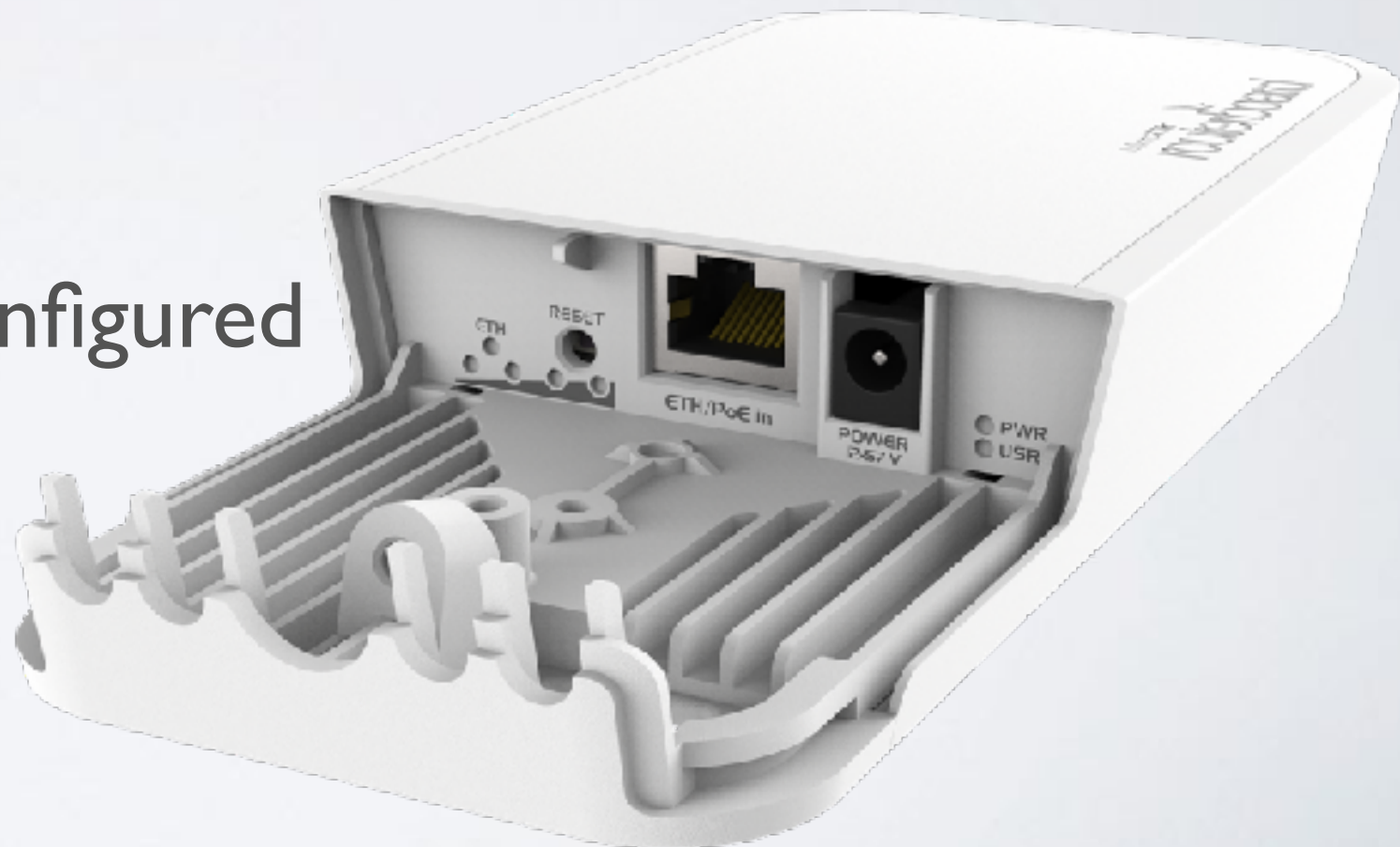
MikroTik

Wireless Wire

Wireless Wire

NOW

- 1 Gbps full duplex without wires
- For distance 200 meters +
- 60 GHz beam-forming
- Paired secure link preconfigured
- IPsec encryption
- \$198 kit



Wireless Wire Dish

Two LHG60G devices for long range 1 Gbit

LHG 60G

NOW

- 1 Gbit full duplex (wire speed)
- Works in 60 GHz spectrum
- Familiar LHG design
- Quad-core ARM CPU
- Low cost and low weight
- Targeted for 1.5 km and more!
- IPsec encryption
- Kit price \$298



LtAP mini

NOW

- 2.4 GHz AP in a rugged case
- miniPCle for LTE
- Built-in GPS
- Optional external antennas for GPS and LTE
- Serial port
- Perfect for outdoor and mobile applications





Available now

- 89\$ without module
- 129\$ with LTE (US version available) module

hAP ac²

NOW

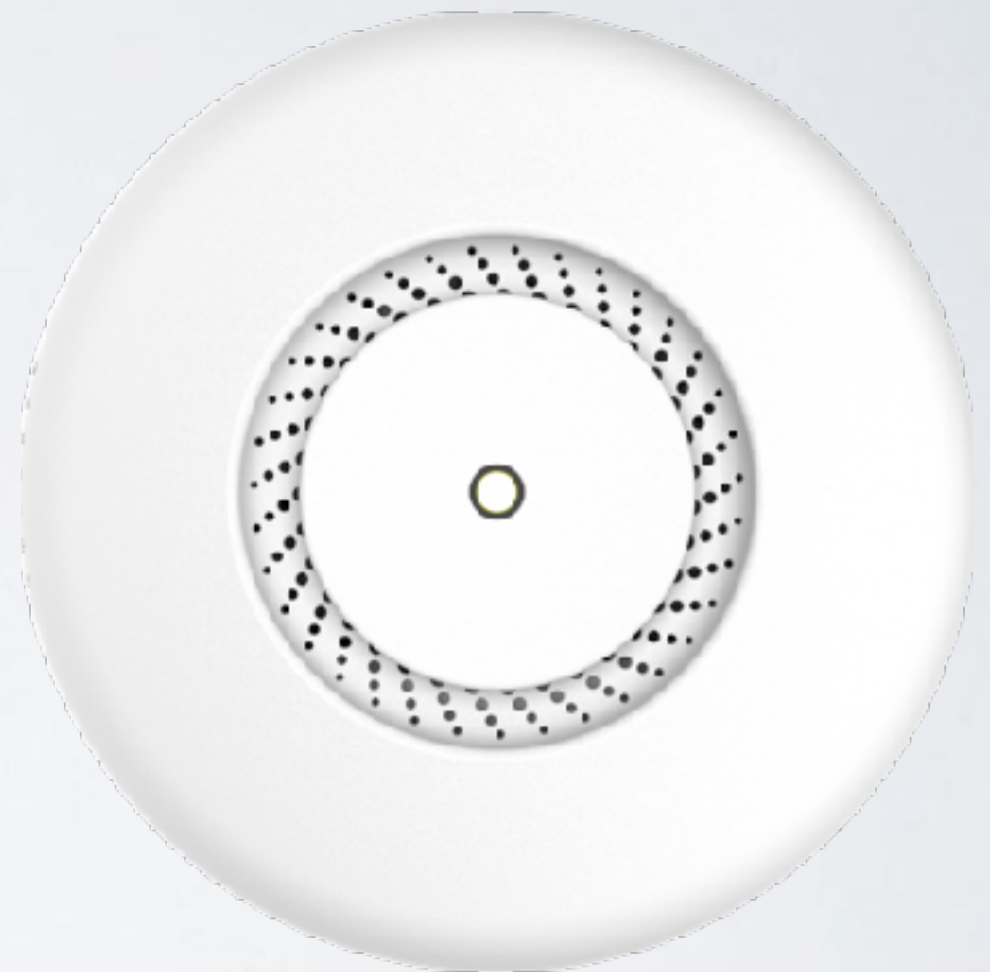
- Gigabit ports
- Dual chain, dual band
- Wall mount or stand
- Same small size as "lite" model
- Kit price \$69



cAP ac

NOW

- Dual band, dual chain
- Gigabit port for 802.11ac speeds
- Two Ethernet ports
- PoE out
- Two cases included
- IPsec encryption
- Kit price \$69



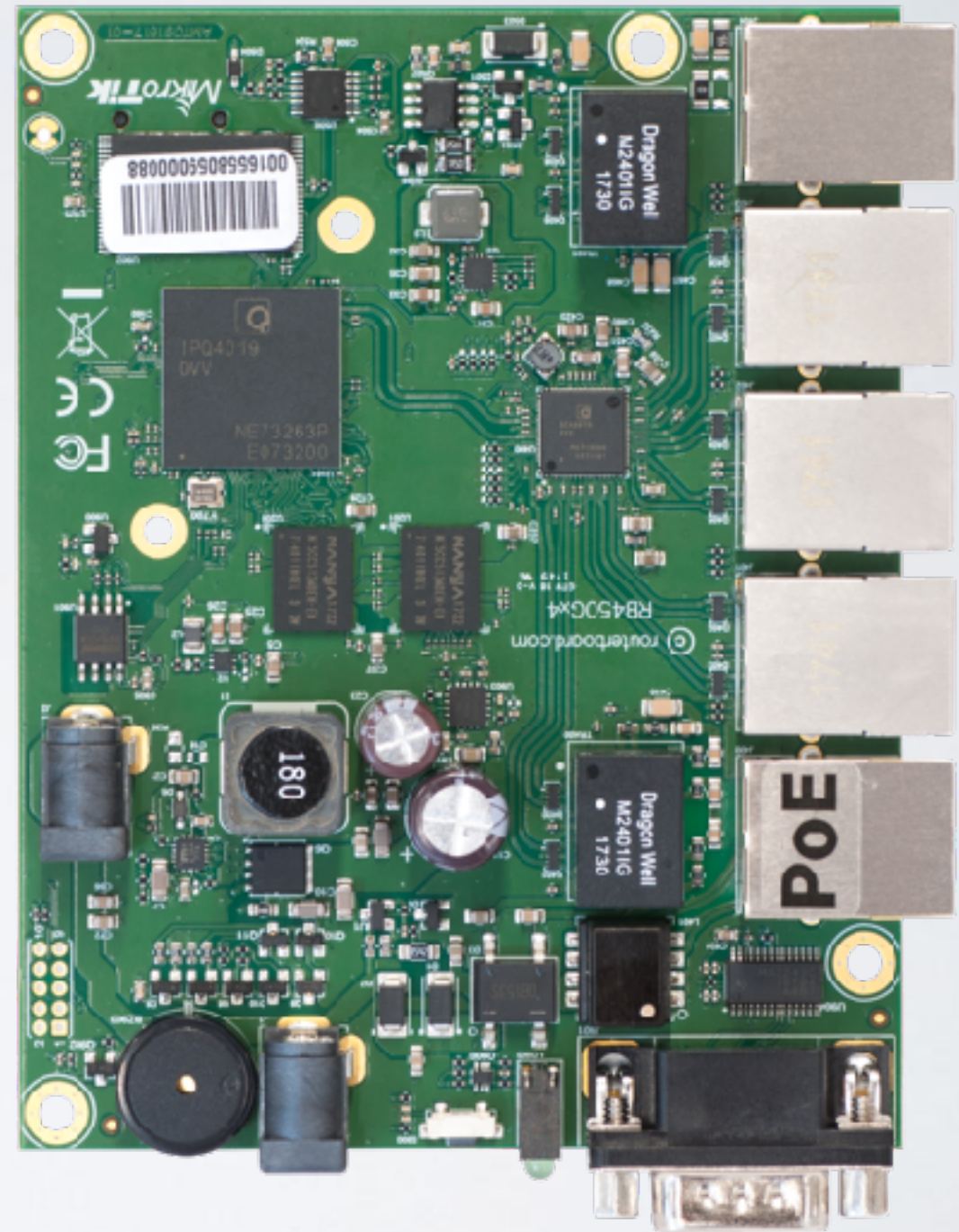




450Gx4

NOW

- Quad core 716 MHz
- 1 GB of RAM
- IPsec encryption
- PoE out on ether5
- microSD
- 10V - 57V input by two power jacks
- Price \$99



hEX S

NOW

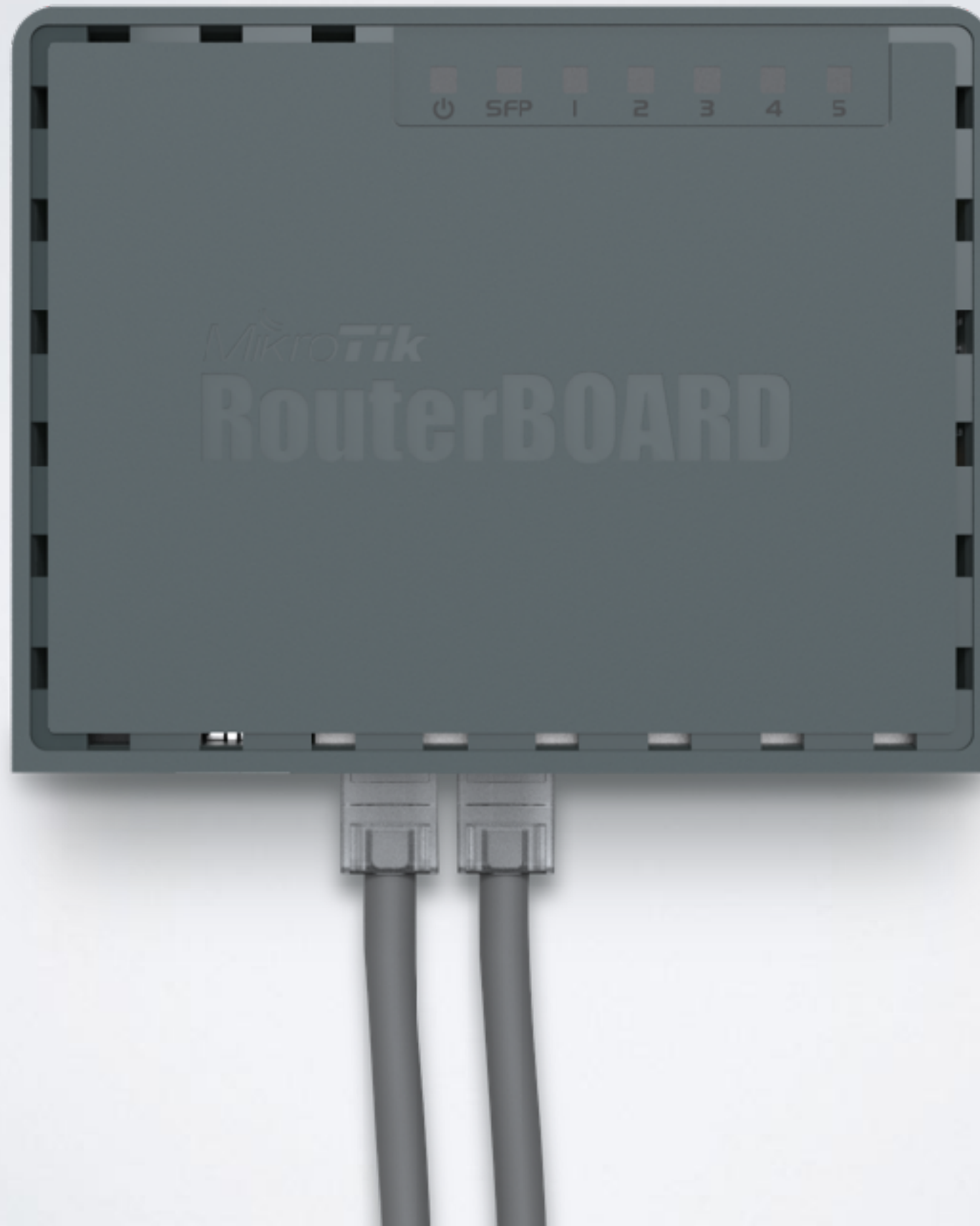
- Dual-core 880 MHz
- 256 MB of RAM
- Full size USB
- 1.25 Gbps SFP
- 10V - 57V input and PoE
- IPsec encryption
- Kit price \$69



hEX S



hEX S



SXTsq Lite 2

NOW

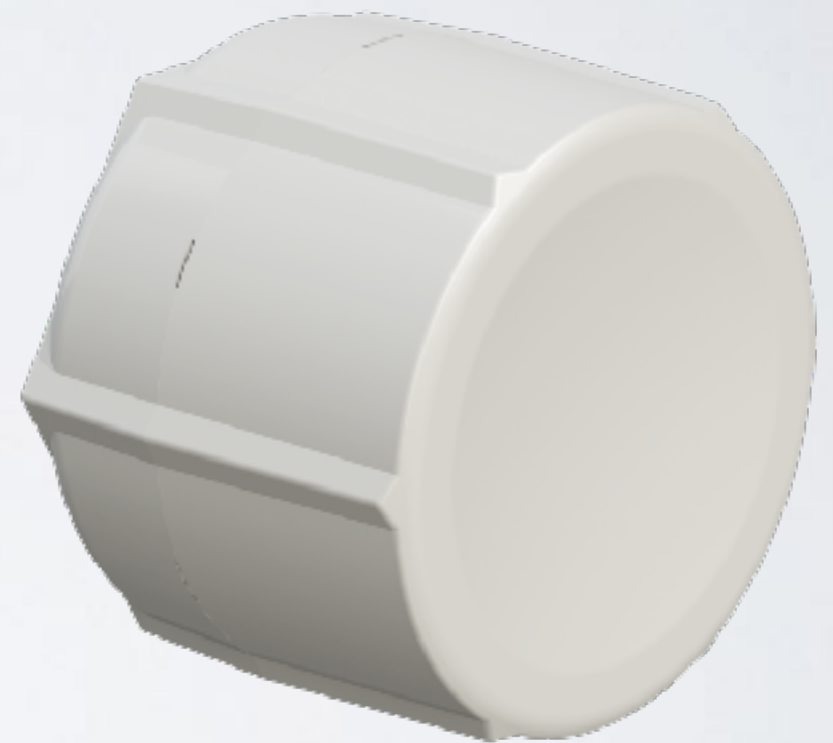
- 2 GHz CPE
- Slim design
- Low price
- Kit price \$39



SXT LTE kit

NOW

- Dual SIM
- LTE card built in
- 2x Ethernet
- PoE output on ether2
- International LTE bands 1,2,3,7,8,20,38 and 40
- US bands 2,4,5 and 12
- Kit price \$129



LDF 2

NOW

- 2 GHz CPE
- Mounts in regular satellite dish
- Ultra long range
- Kit price \$39



mANT 5o LTE

NOW

- Special 5 dBi LTE antenna
- Omnidirectional design
- Use with wAP, LtAP
- High speed Internet in remote locations
- Price \$19



NOW



CRS328-4C-20S-4S+RM

- 20x SFP ports
- 4x ETH/SFP combo ports
- 4x SFP+ ports
- Dual PSU
- Kit price \$369

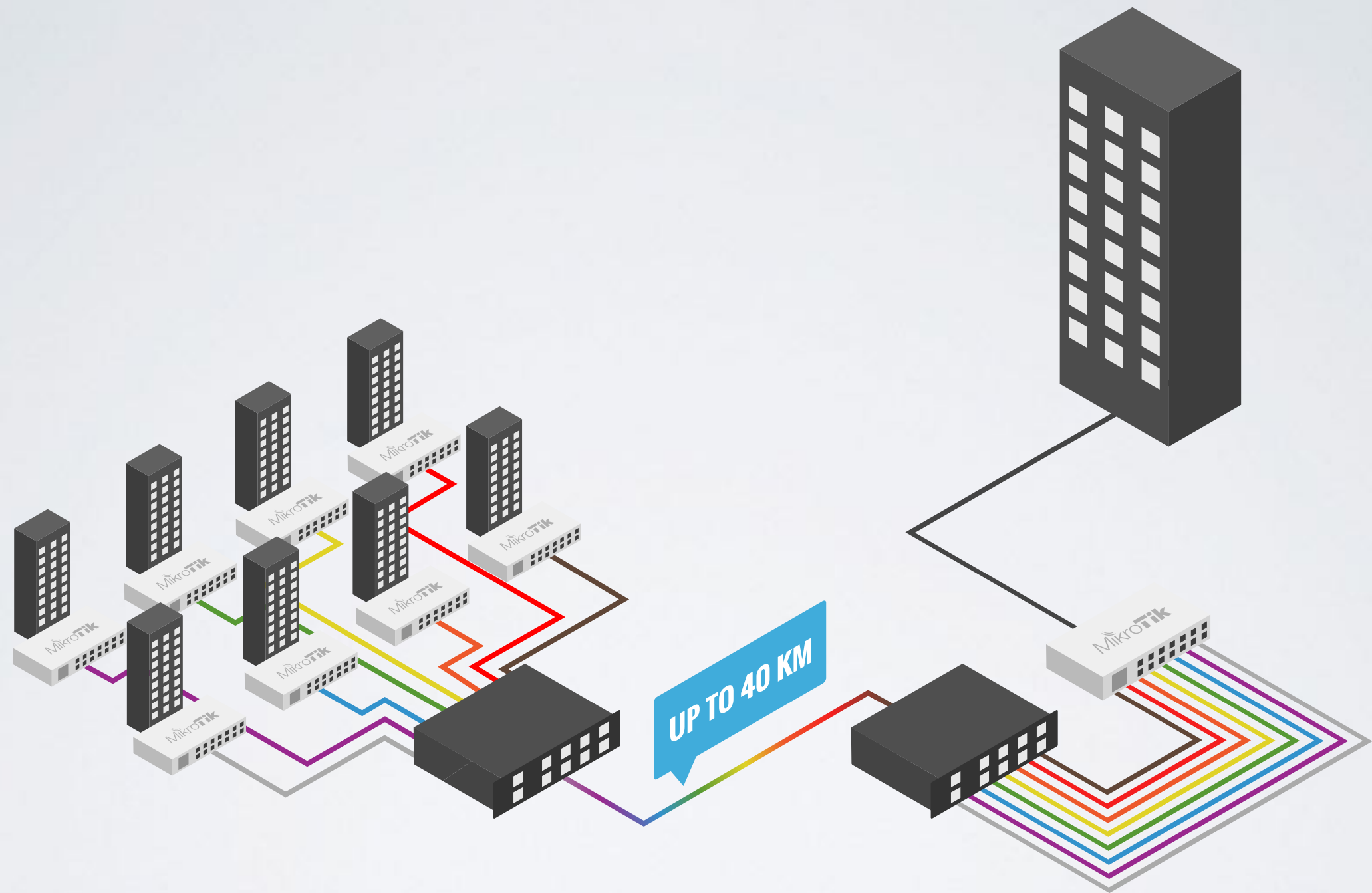
CWDM

NOW

- Passive MUX/DEMUX unit
- Combine up to eight Fiber links into one
- Supports both SFP and SFP+
- Price \$359



CWDM



Some of our upcoming products

mANTBox2 12s

- 2 GHz sector antenna
- 12 dBi
- RouterBOARD built-in



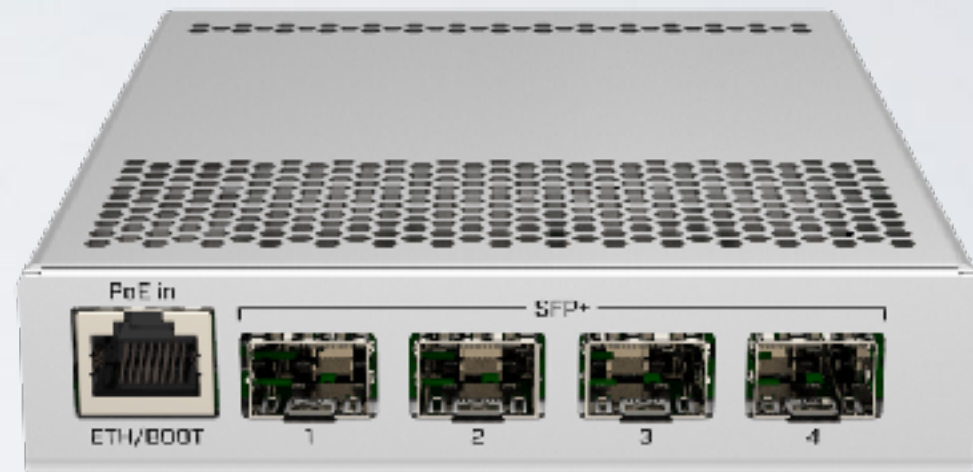
PWR-Line AP

- Small AP that directly plugs into socket
- Makes 100 Mbps links with others like it
- Build WiFi network without special cabling
- Automatically pairs with new devices



CRS305-1G-4S+IN

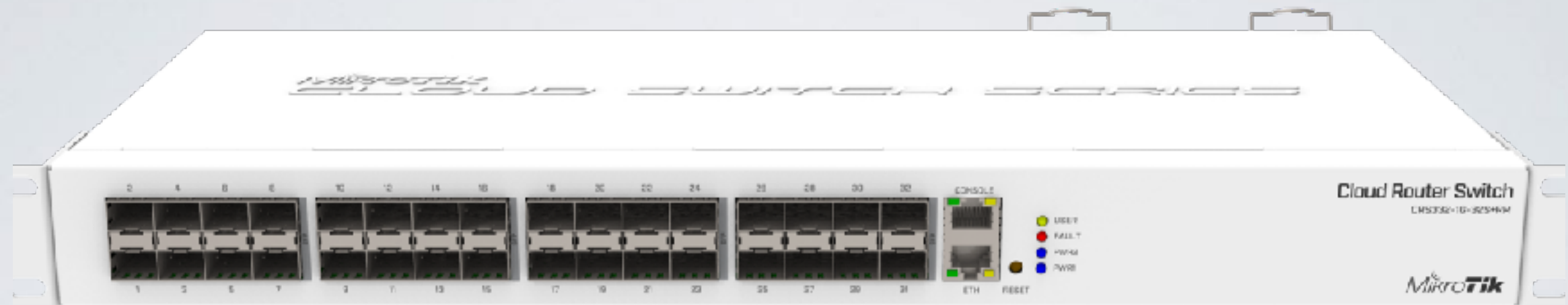
- 4x SFP+ ports
- 1x Gigabit Ethernet
- Metallic enclosure
- Dual DC jacks



CRS309-1G-8S+PC

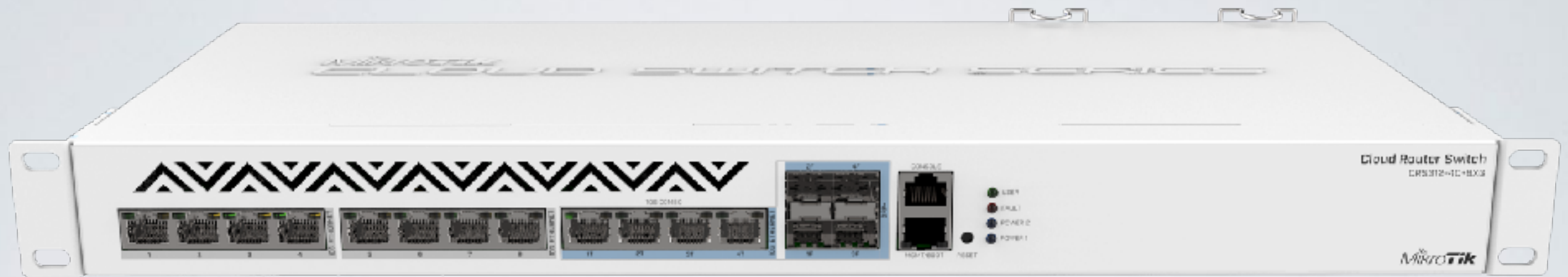
- 8x SFP+ ports
- 1x Gigabit Ethernet
- Silent case





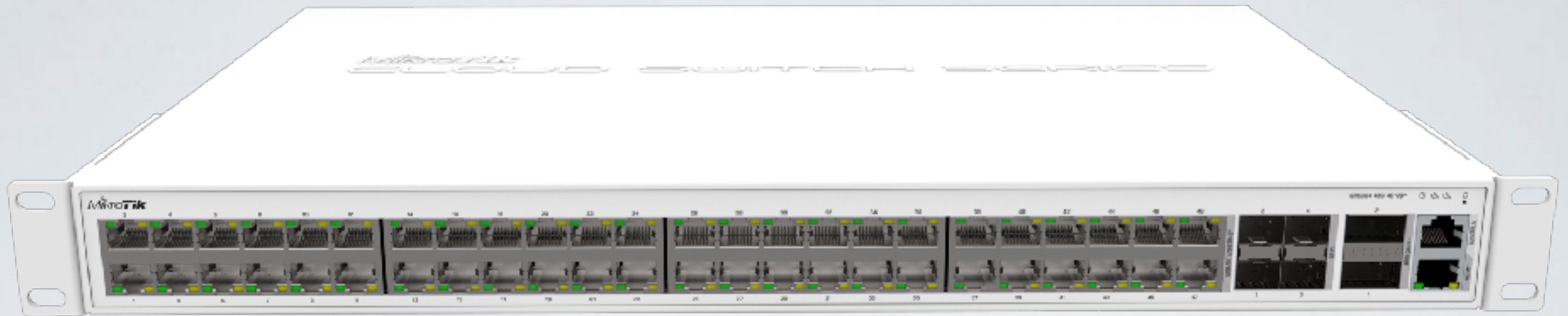
CRS332-32S+RM

- 32x SFP+ ports
- RJ45 console and ETH management
- Dual PSU



CRS312-4C+8XG

- 8x 10G Ethernet ports
- 4x 10G Ethernet / 10G SFP+ combo ports
- Console and management ports
- Dual PSU



CRS354-48G-4S+2Q+

- 48x Gigabit ports
- 4x SFP+ for 10 Gbit connections
- 2x QSFP ports for 40 Gbit connections



CRS354-48P-4S+2Q+

- 48x Gigabit ports with PoE out
- 4x SFP+ for 10 Gbit connections
- 2x QSFP+ ports for 40 Gbit connections

RouterOS

Version	Number of changes
v6.42.5 (current)	14
v6.42.4 (current)	32
v6.42.3 (current)	4
v6.42.2 (current)	30
v6.42.1 (current)	16*
v6.42 (current)	170
v6.40.8 (bugfix)	10*

* - version with important security updates

Need help?

- Ask a local distributor
- Hire MikroTik consultant
- Read the manual wiki.mikrotik.com
- Email support@mikrotik.com
- Attend a training class or join and Academy class in a University

After the MUM

- All presentations - mum.mikrotik.com
- Videos - youtube.com/mikrotik
- License for paid and voucher registrations will be sent by an e-mail



The logo for MikroTik, featuring the word "Mikro" in a standard sans-serif font and "Tik" in a bold, italicized sans-serif font. Above the "i" in "Mikro" are three curved lines. The entire logo is reflected on a glossy surface below it.