

The Mikrotik logo is centered in the upper half of the image. It features the word "Mikro" in a white, italicized serif font, followed by "tik" in a white, bold, italicized sans-serif font. Above the "i" in "Mikro" are three white curved lines of increasing size, suggesting motion or a stylized 'M'. The background is a blurred office interior with desks, chairs, and shelves, overlaid with a red-to-purple gradient.

*Mikro***tik**

INDONESIA
OKTOBER 2019



WHAT DO WE DO?



WE MAKE SOFTWARE AND HARDWARE

MORE THAN 200 PRODUCTS



HOME

OUTDOOR

SOHO

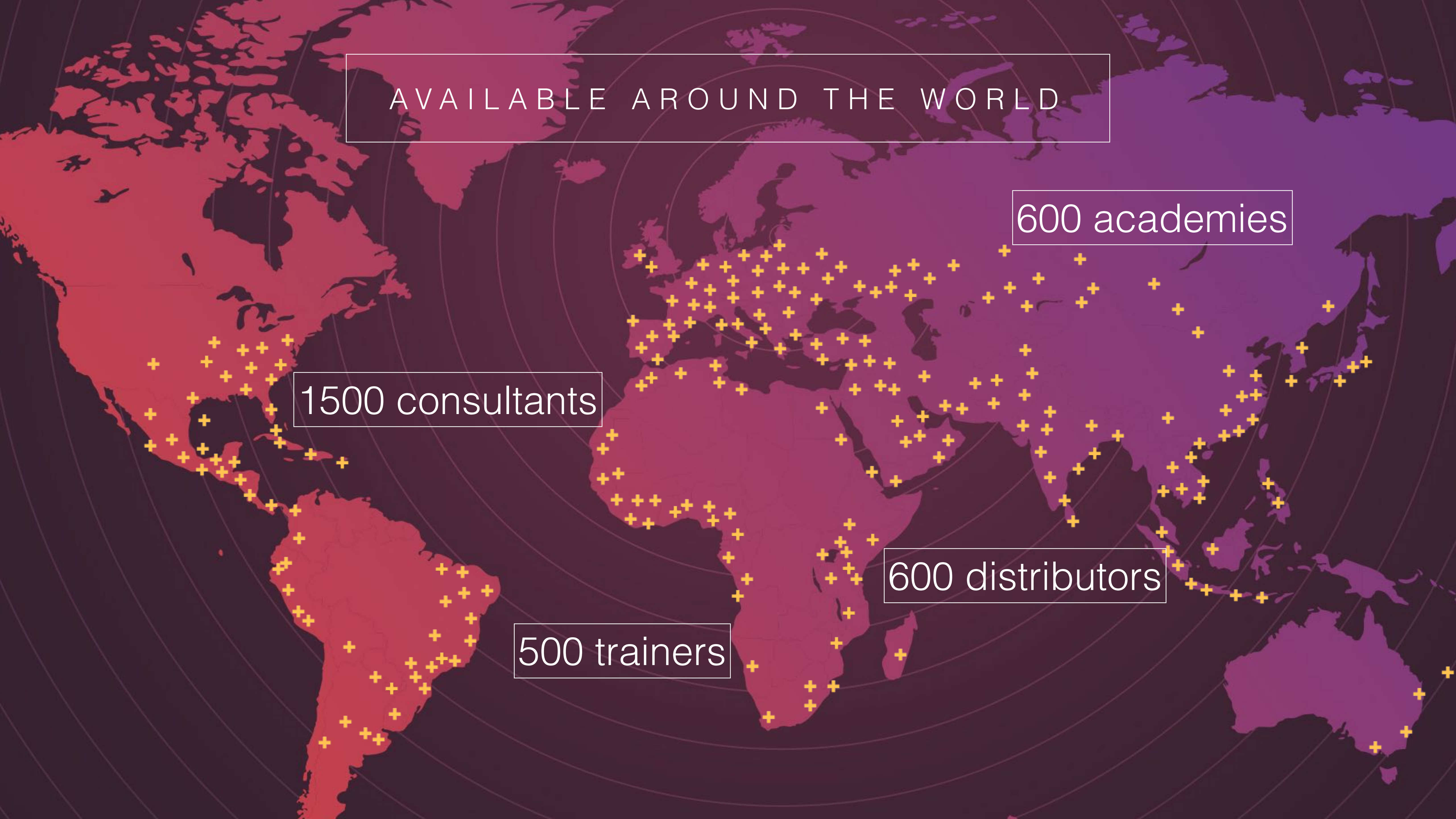
CARRIER



LATVIA



- Established in 1996
- RouterOS created in 1997
- RouterBOARD created in 2002

A world map with a dark purple background and a grid of latitude and longitude lines. The map is populated with numerous yellow plus markers (+) distributed across all continents. Overlaid on the map are five white rectangular text boxes with black borders. The text inside the boxes is in a white, sans-serif font. The top box is centered at the top and contains the text 'AVAILABLE AROUND THE WORLD'. The other four boxes are positioned over different regions: '1500 consultants' over North America, '500 trainers' over South America, '600 distributors' over Africa, and '600 academies' over Europe/Asia.

AVAILABLE AROUND THE WORLD

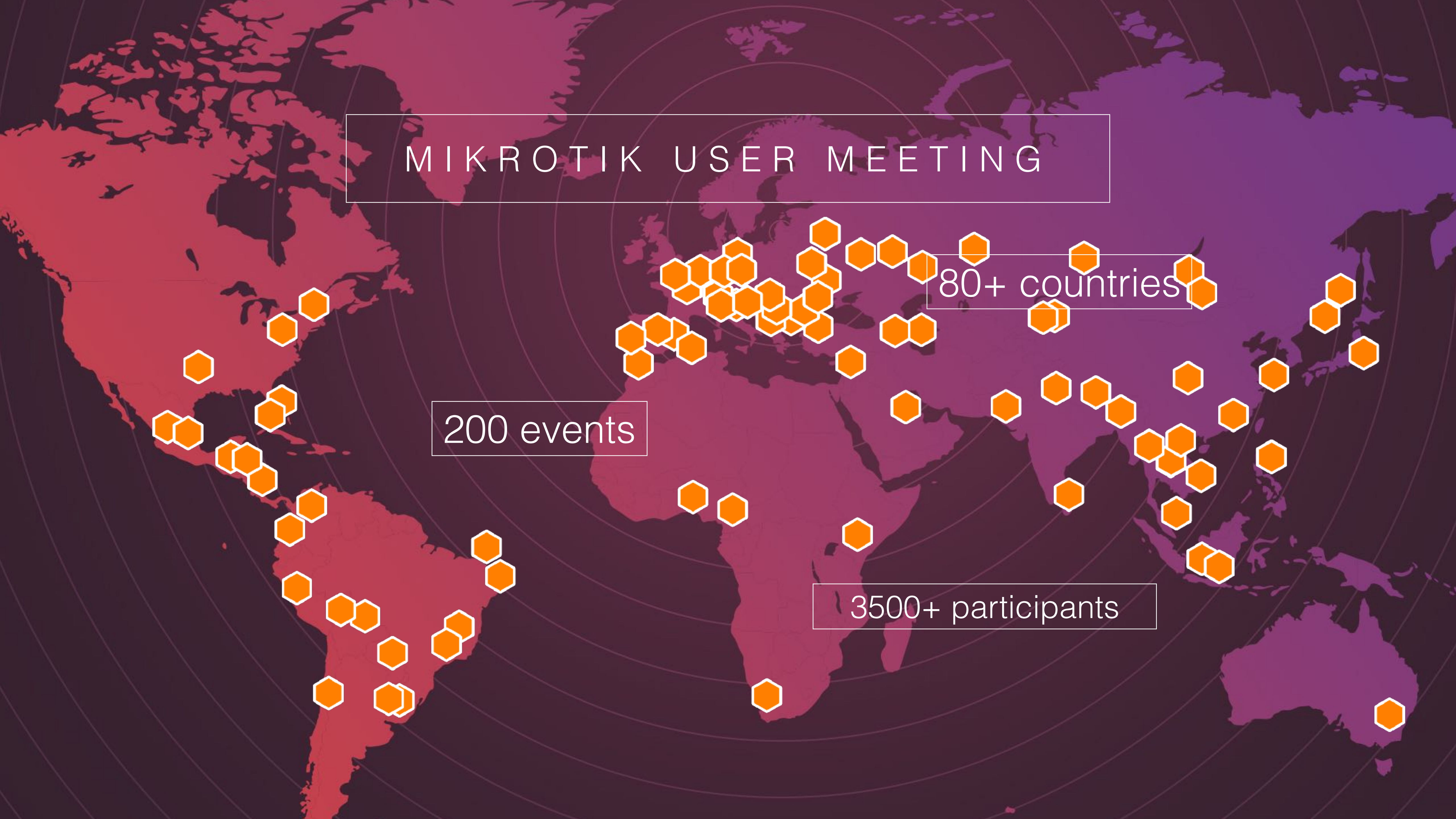
600 academies

1500 consultants

600 distributors

500 trainers

MIKROTIK USER MEETING

A world map with a dark purple background and a grid of latitude and longitude lines. Orange hexagonal markers are placed across the map to indicate the locations of Mikrotik User Meetings. The markers are most densely clustered in Europe and North America, with smaller groups in South America, Africa, and Asia. The map is oriented with North at the top.

80+ countries

200 events

3500+ participants

Conference

- 4 staff members from MikroTik
- Schedule available **<https://mt.lv/agenda>**
- Lunch with tickets 11:45
- Lottery after the event tomorrow
- Wireless: **MUMID2019-BIZNET**

Special thanks!



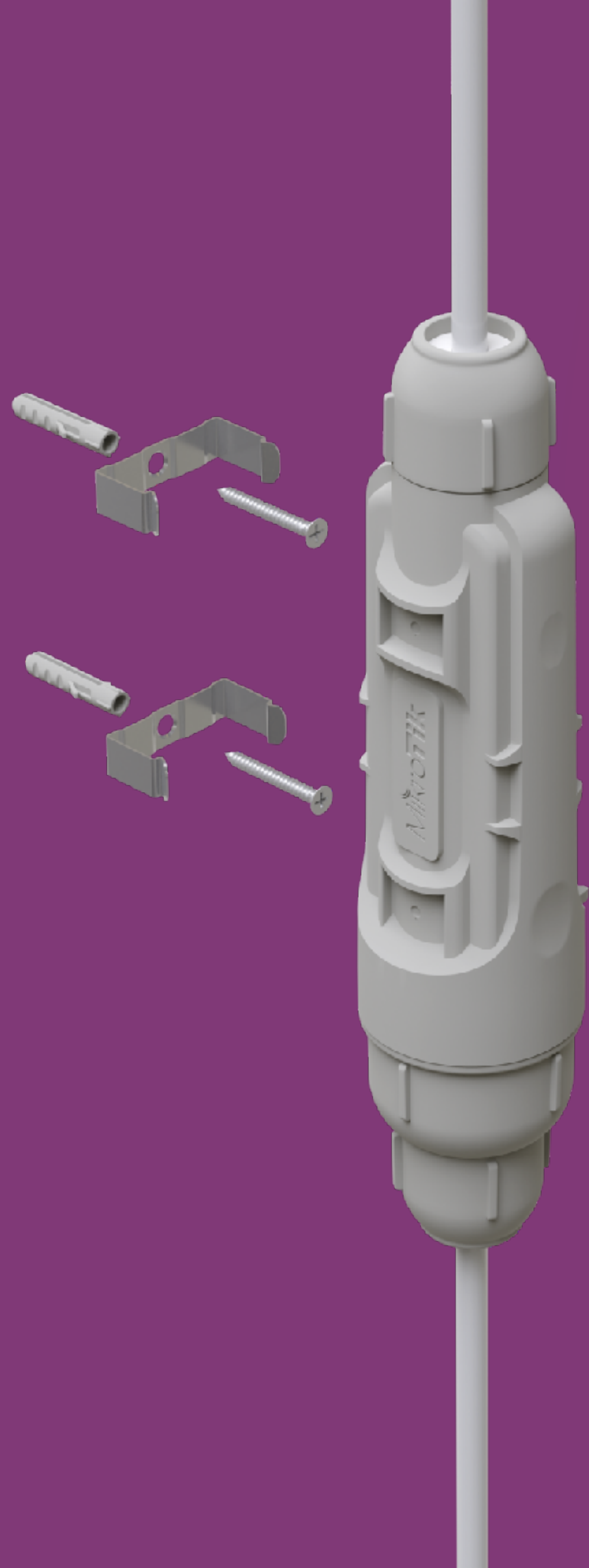
CITRAWEB
SOLUSI TEKNOLOGI

CITRAWEB



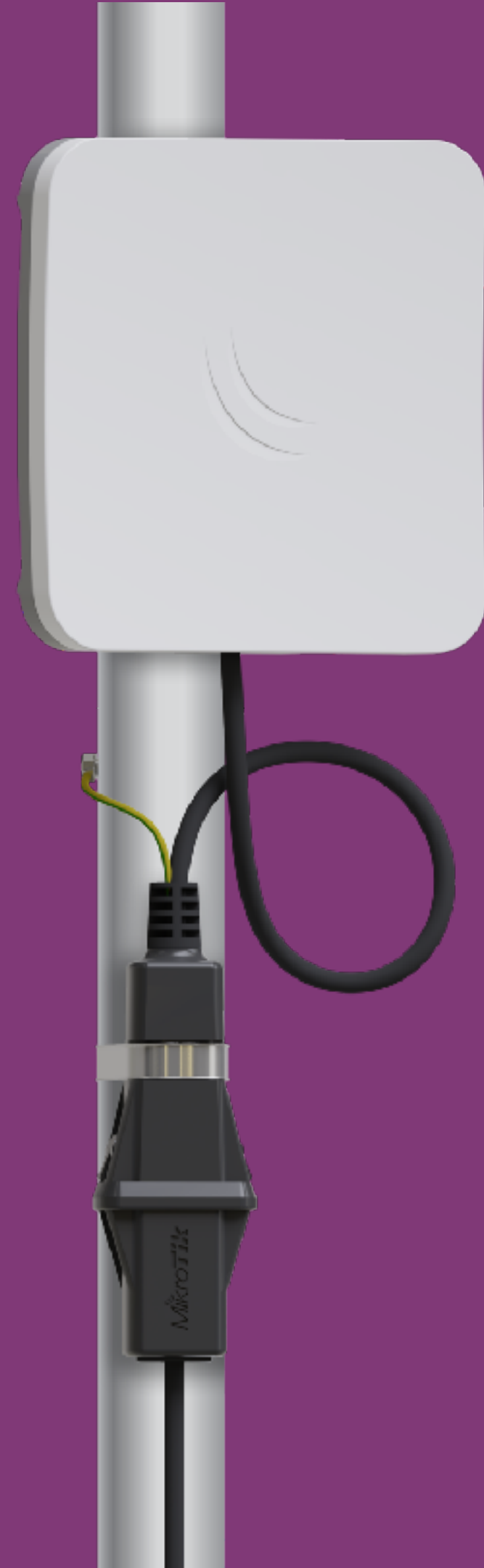
GPER

- Gigabit passive Ethernet repeater
- Ethernet extender with PoE passthrough
- 24-57 V supported
- Integrated 15 kV ESD protection
- ~2.5 V loss per 100 meters, allows up to 1.5 km long cable with PoE



GPER Case

- Outdoor enclosure for GPeR units
- Extend ethernet network anywhere
- Has IP68 protection



GESP

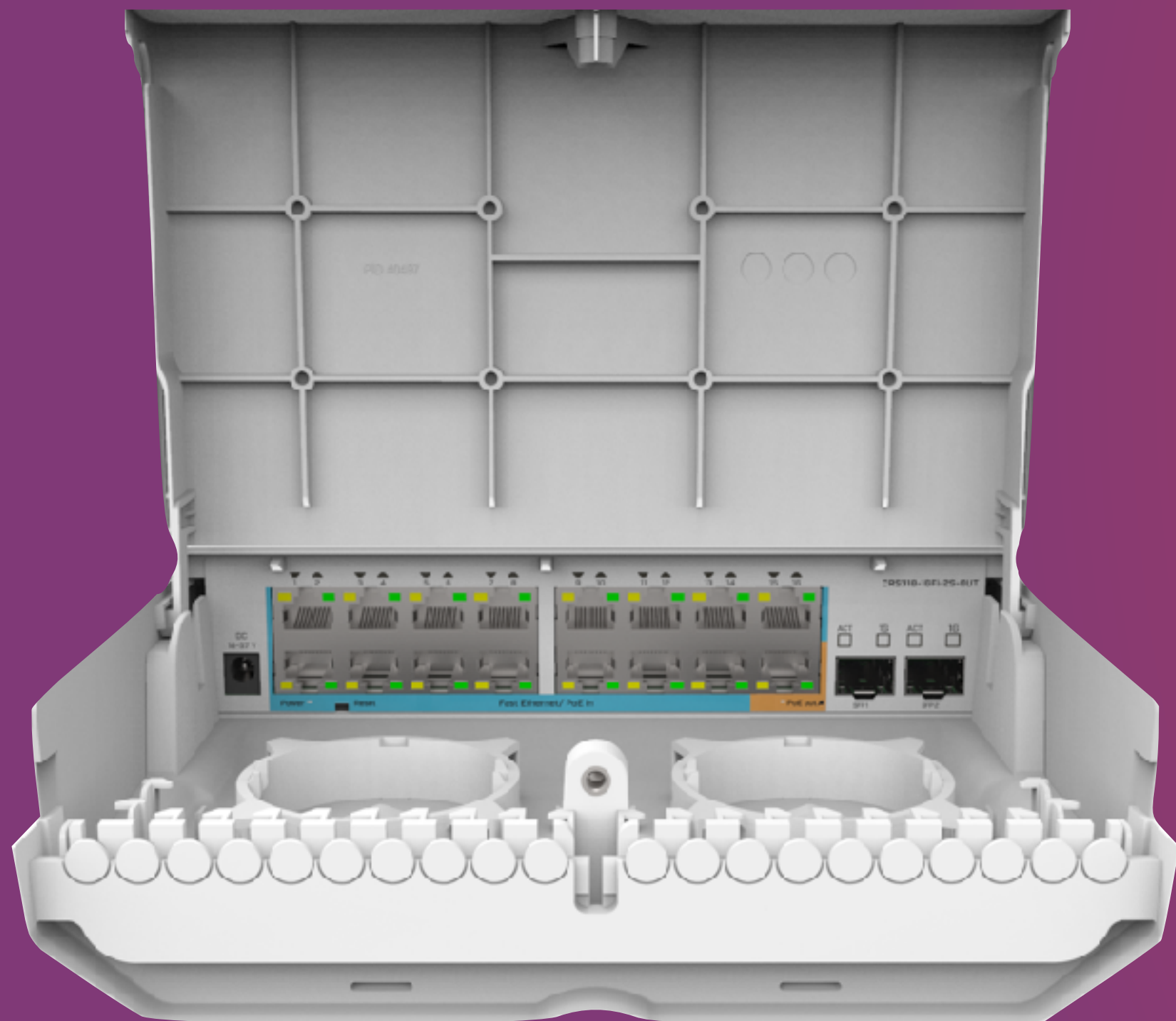
- Gigabit Ethernet surge protector
- Up to 30 kV
- Tower, server room or both



GPEN

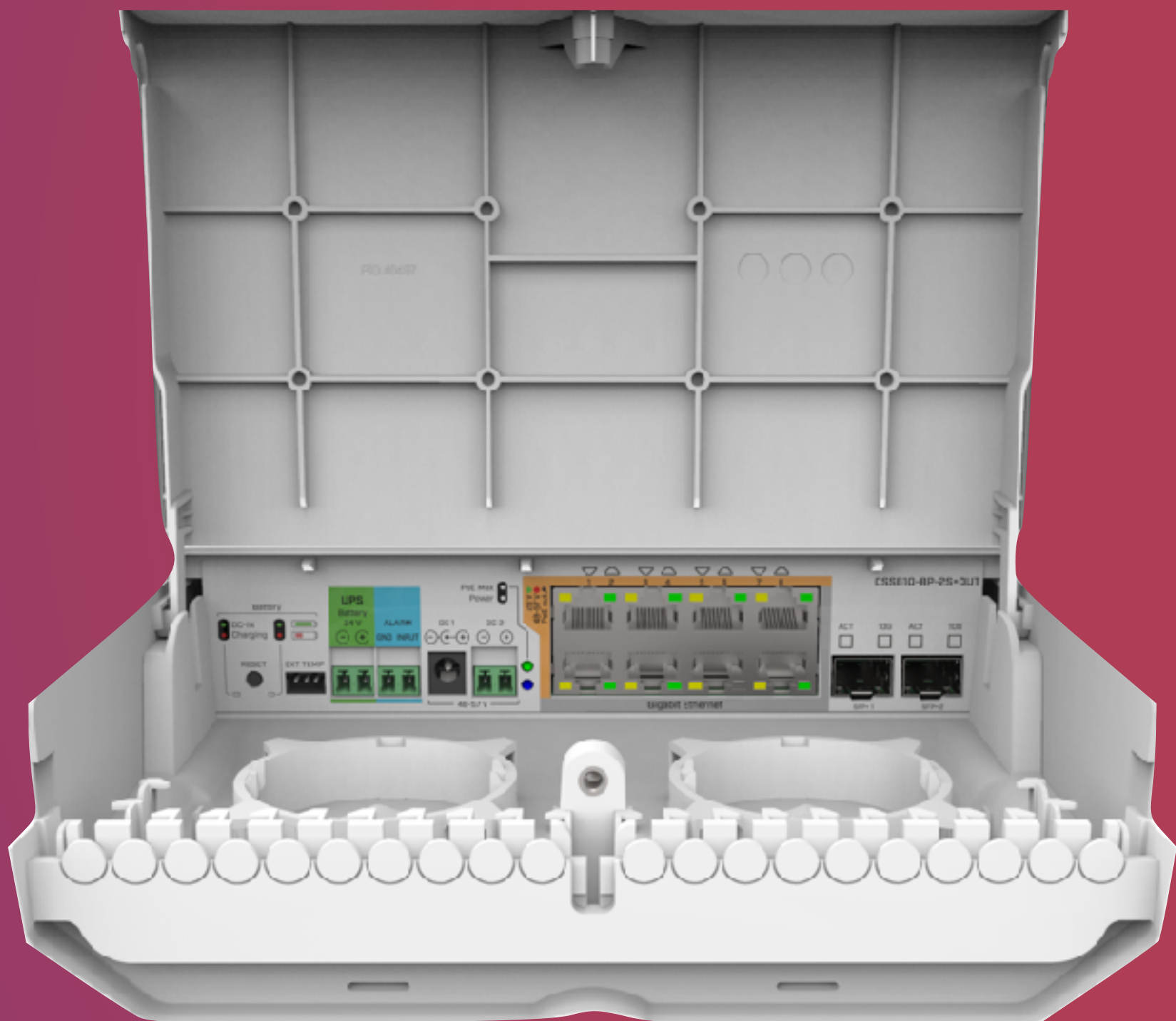
- Gigabit passive Ethernet network
- GPEN11 - PoE injector, can be mounted securely
- GPEN21 - smart injector, also adds SFP for fiber to copper functionality

netPower



CRS318

15x PoE in	16x PoE out
1x PoE out	



CSS610

7x PoE in	8x PoE out
1x PoE out	



QM-X

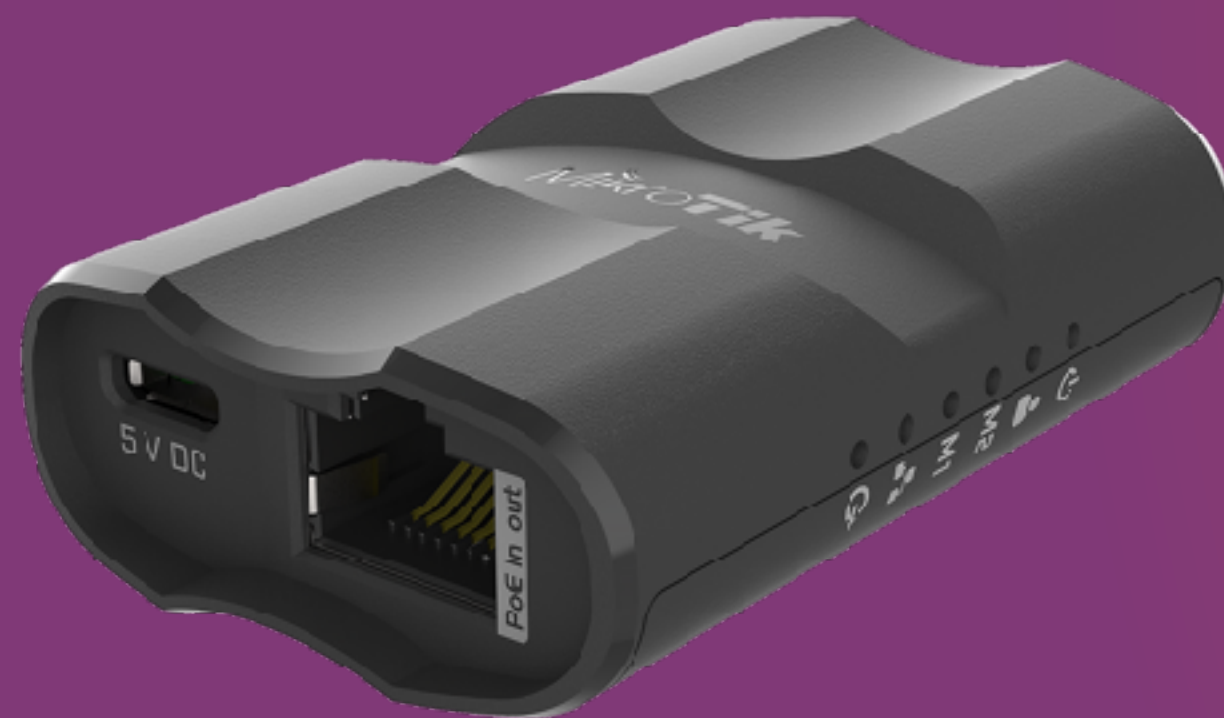
- Designed for popular SXTsq series
- Horizontal and vertical alignment

mUPS PRO



- Same form factor as mUPS
- 12 V/24 V battery support
- 24 V/48 V PoE out support
- Managed through web interface

MQS



- Mobile quick setup
- Administrators friend
- Manage Ethernet only devices from your phone over WiFi
- Can be powered from power bank
- PoE out voltage 12 V

PWR Line

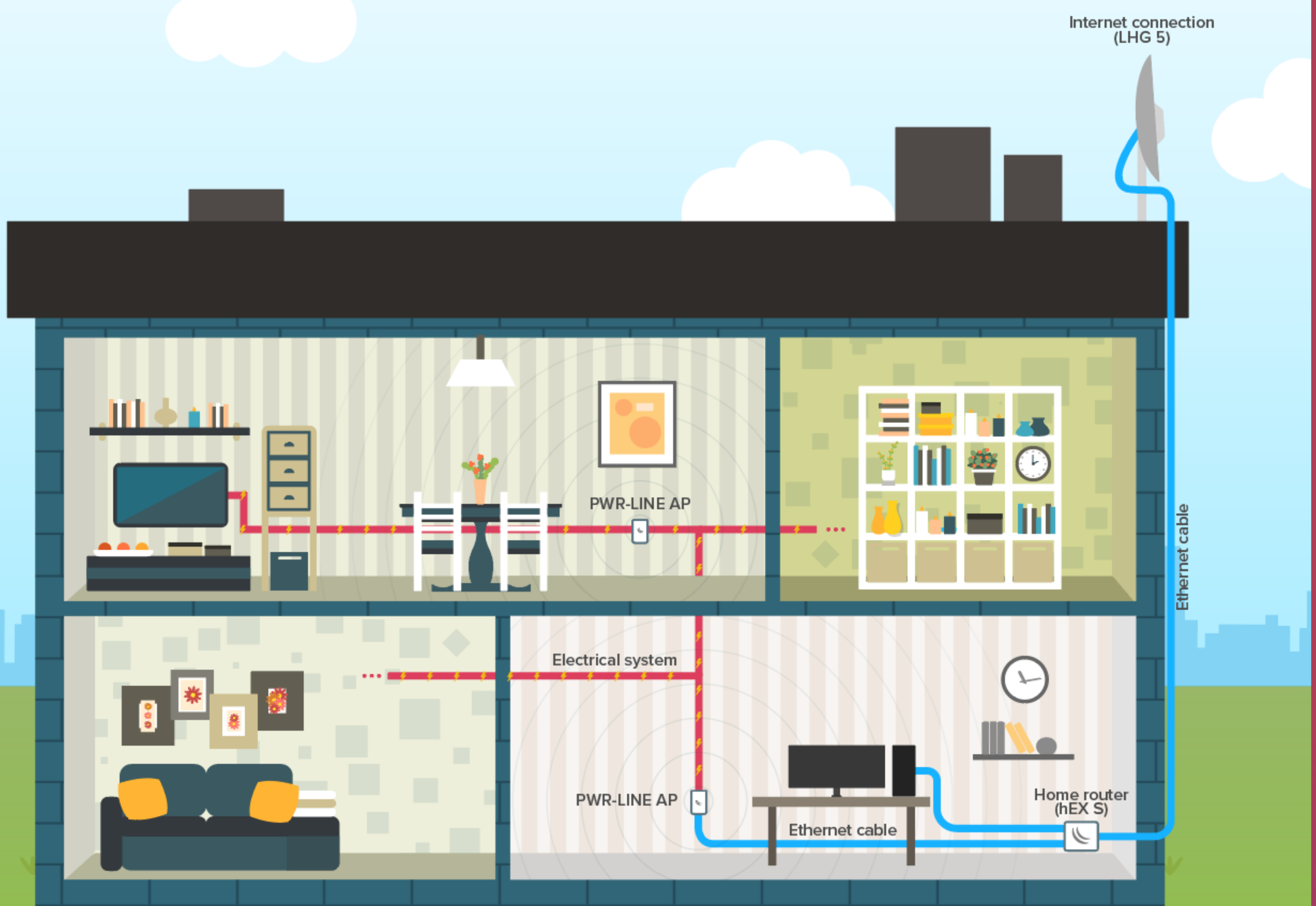


- Adds PowerLine function via microUSB
- Supported by the new hAP lite & mini and mAP family devices
- Connect to PWR Line AP or other routers over the electrical line

PWR Line PRO



- Power-line bridge
- Up to 600 Mbps
- Supports HomePlug AV2
- PoE out



60 GHz device family

wAP 60Gx3 AP



Wireless Wire Dish



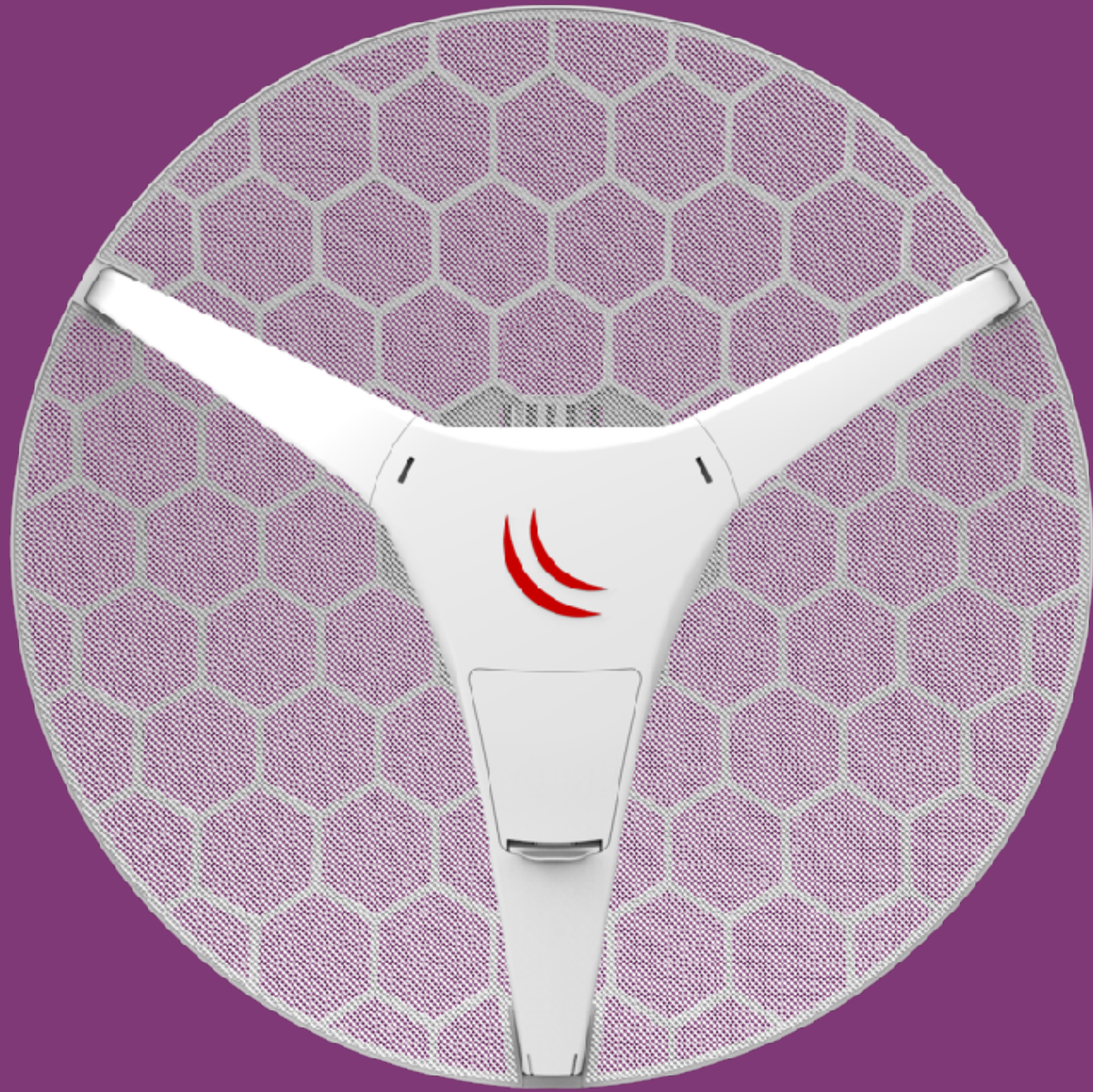
SXTsq Lite60



LHG Lite60



LHG Lite 60



- Very affordable 60GHz CPE device
- Up to 800m with wAP 60G AP

4G kits

LtAP



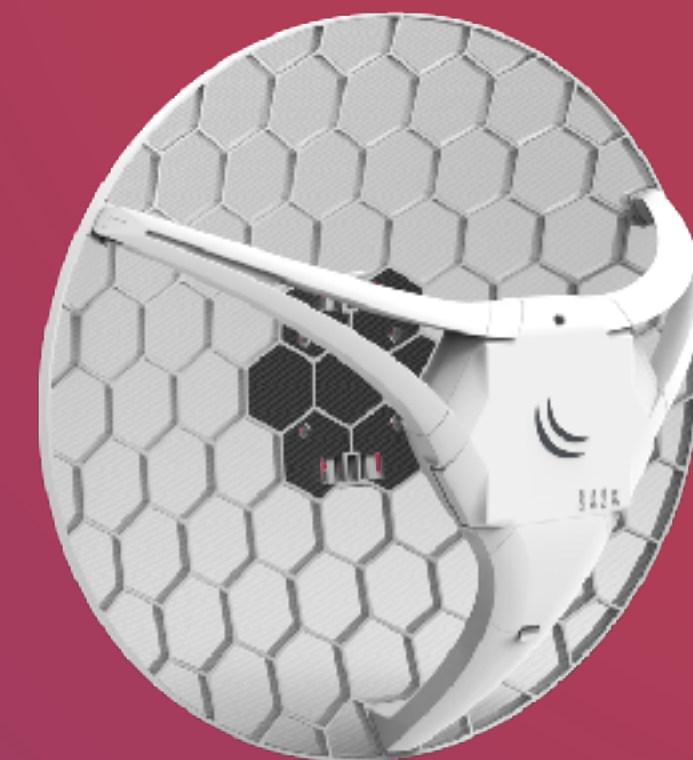
wAP



SXT



LHG



wAP ac kit



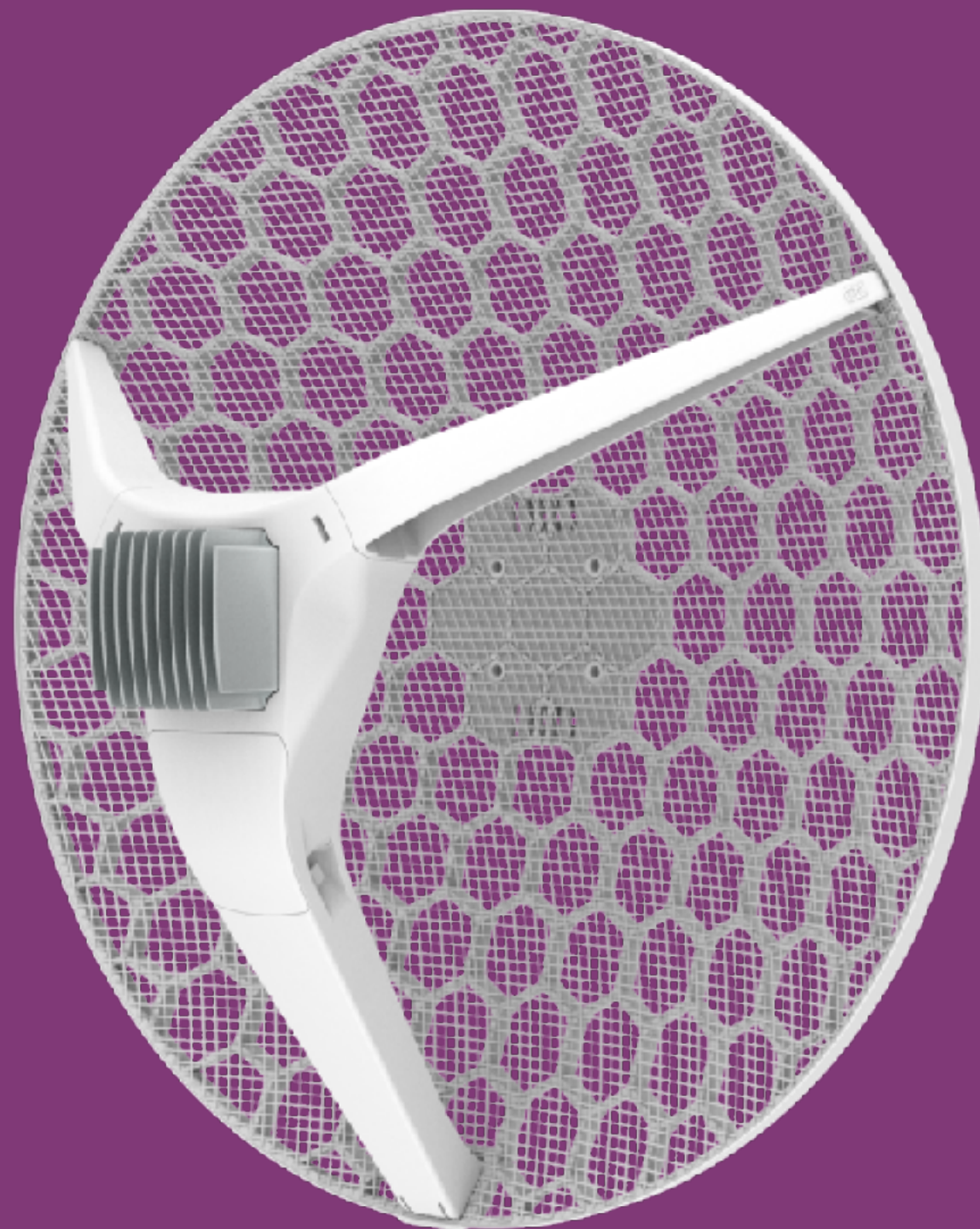
- (2.4/5 GHz), dual-band
- 2 Gigabit Ethernet interface
- miniPCle slot for LTE
- CPU 4 cores
- 3 models (LTE, 4G, w/o miniPCle card)



LtAP

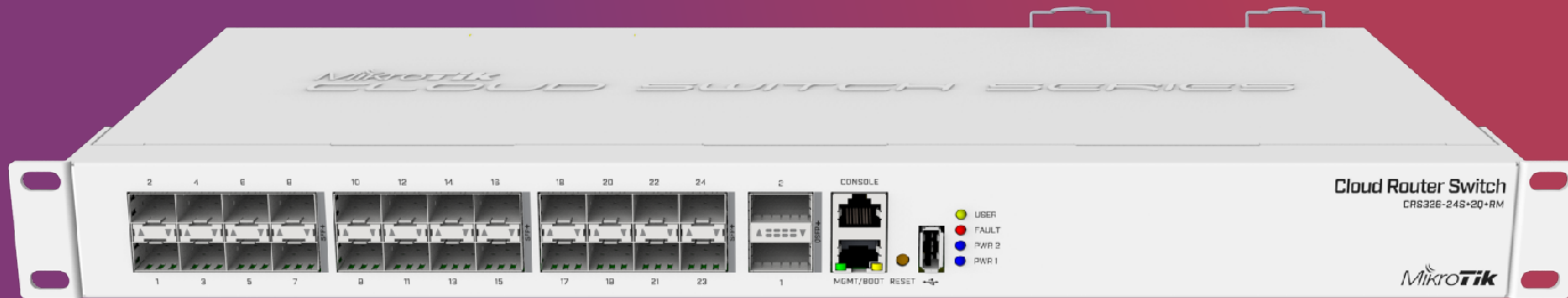
- Three SIM slots, two miniPCle
- GPS (GNSS), built-in WiFi, multiple power sources, USB, console
- SMA connector for GPS, places for optional SMA connectors for other antennas

LHG XL 52 ac

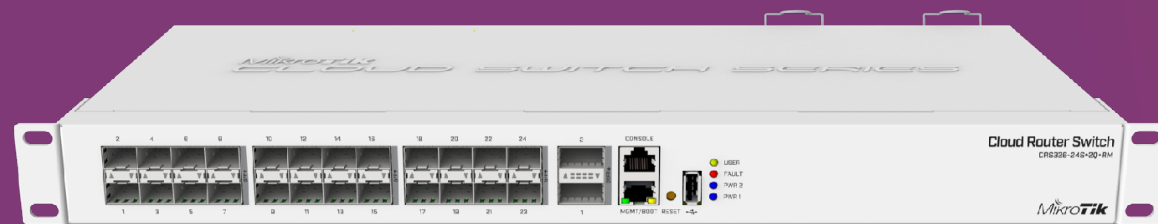


- Dual band
- Gigabit Ethernet and SFP
- High throughput, no downtime connections
- Very high gain and output power

CRS326-24S+2Q+



CRS326-24S+2Q+



- 24x SFP+ (10G ports)
- 2x QSFP+ (40G ports)
- Console, USB
- Dual PSU

40G accessories



- Q+85MP01D
- Q+BC0003-S+
- Q+DA0001

Q+85MP01D



- 40Gbps
- 100m on OM3 and 150 on OM4
- Built-in digital diagnostic functions

Q+BC0003-S+



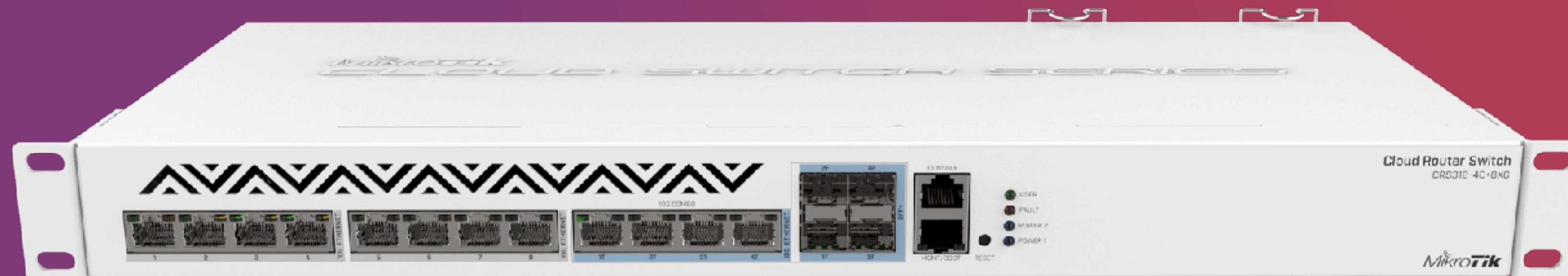
- 40Gbps to 4x 10Gbps
- Works between MikroTik
- 3 Meter cable

Q+DA0001



- 40Gbps to 40Gbps
- 1 Meter

CRS312-4C+8XG



CRS312-4C+8XG



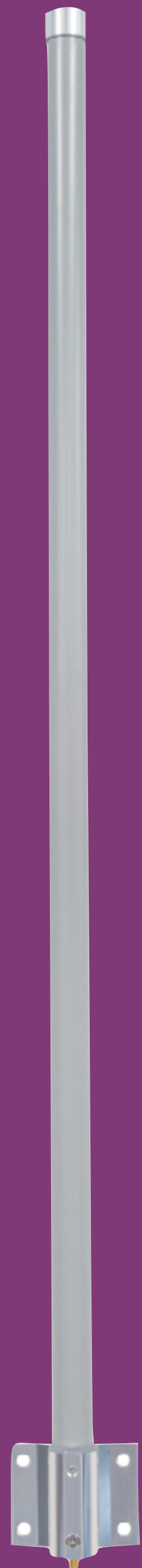
- 8x 10G Ethernet ports
- 4x 10G Ethernet / 10G SFP+ combo ports
- Console and management ports
- Dual PSU



LoRa

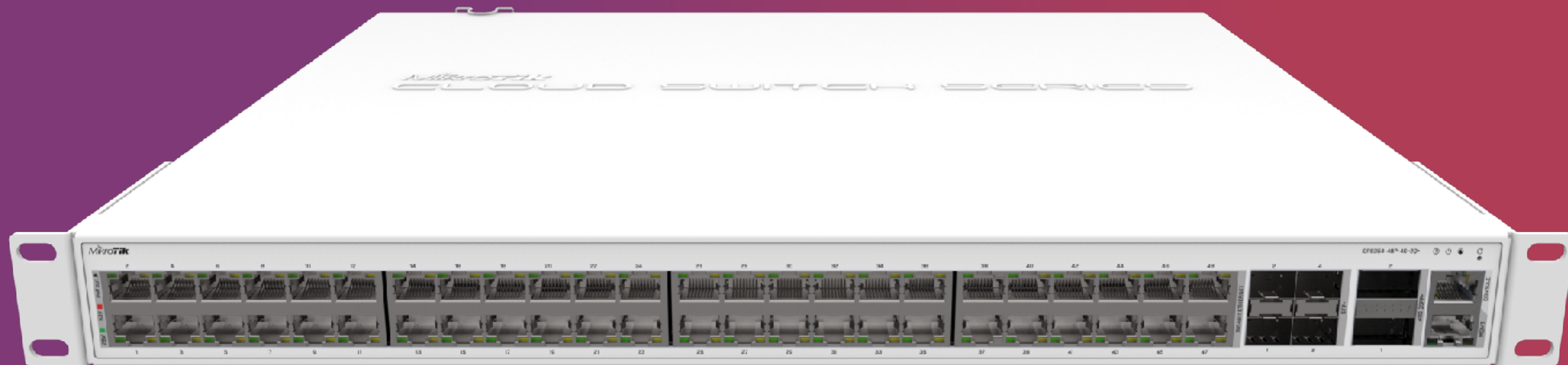
- wAP 2 GHz AP with LoRa gateway
- UDP packet forwarder to any public or private network server
- Integrated 2.5 dBi antenna with external antenna support
- LoRa mPCIe Gateway module available

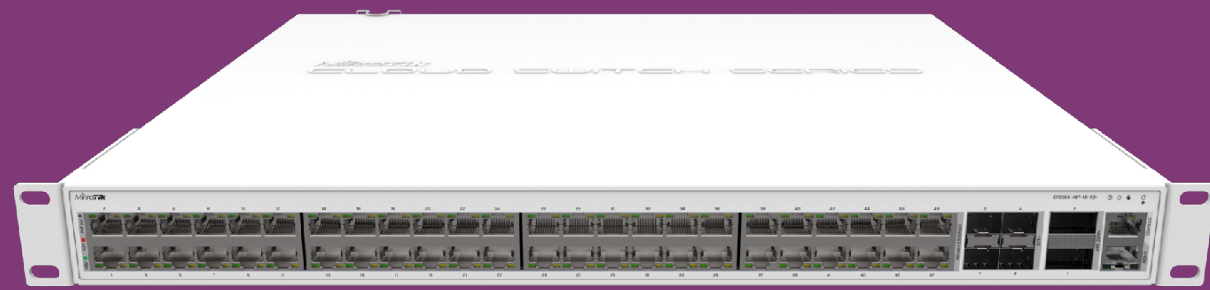
LoRa accessories



- Card separately
- 1 meter omni antenna

CRS354





CRS354

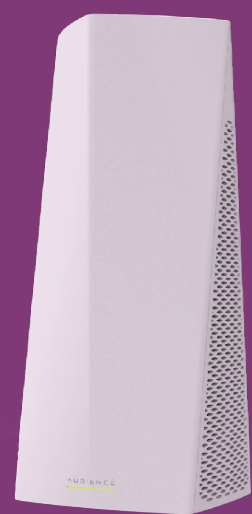
- 48x Gigabit ports
- 4x SFP+ ports
- 2x QSFP+ ports
- 48x PoE out port version

CCR updates

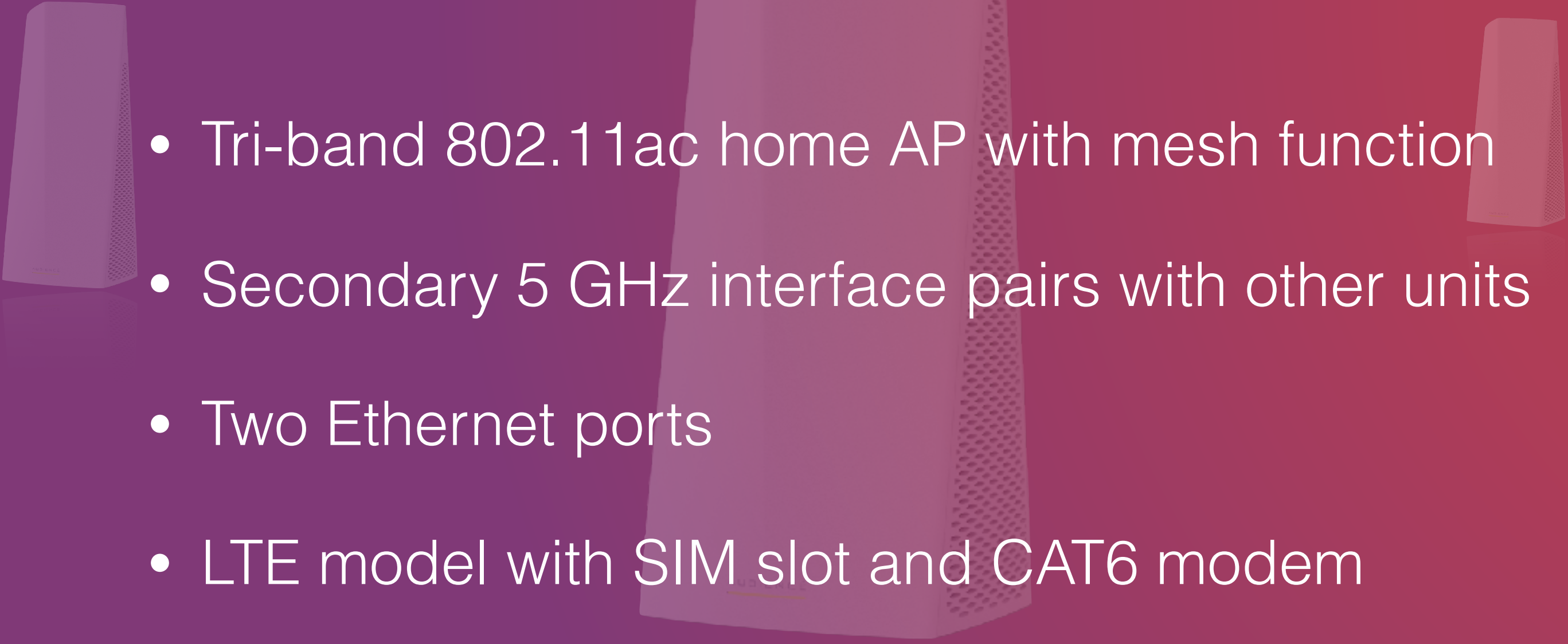


- All CCR 16-core and 36-core routers now will have dual PSU for redundancy
- Full size USB port
- Improved PSU design
- Optional 48 V PSU available separately





Audience

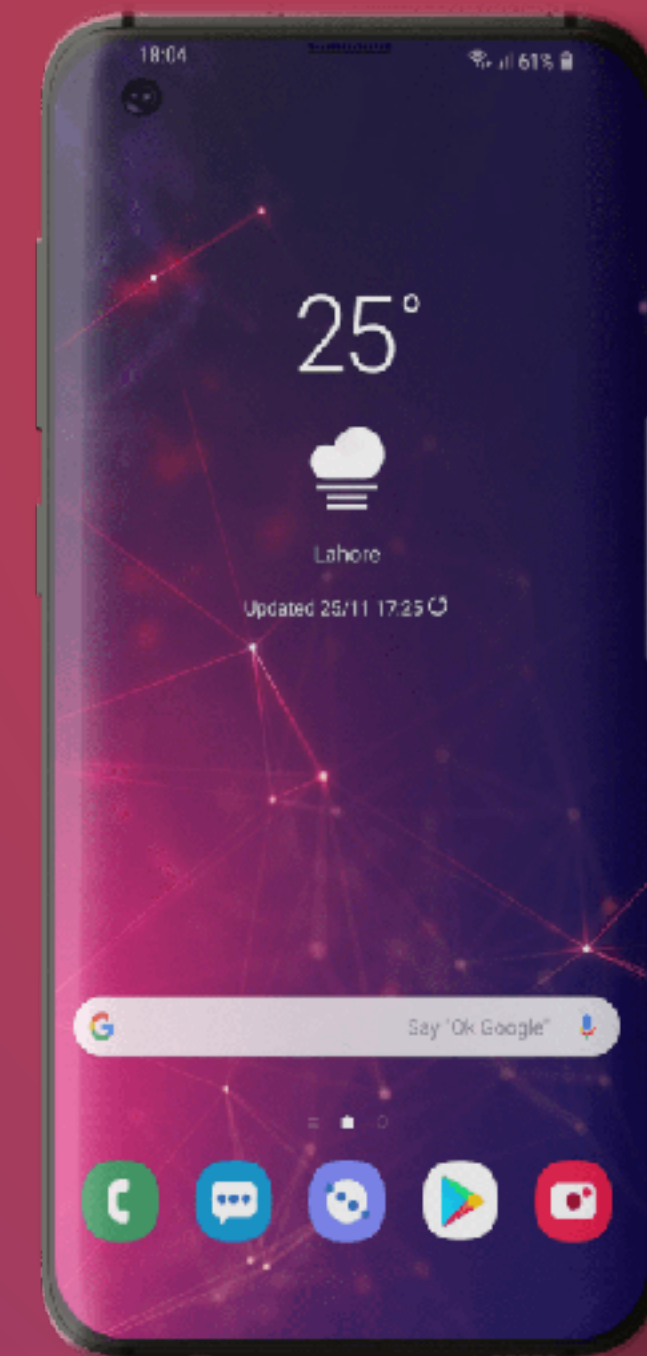
- 
- Tri-band 802.11ac home AP with mesh function
 - Secondary 5 GHz interface pairs with other units
 - Two Ethernet ports
 - LTE model with SIM slot and CAT6 modem

YOUR WI-FI HAS AN AUDIENCE

Who said you should hide your router in the closet? Bring it out in the open and enjoy faster and smoother signal in your whole home. A router for those who value both beauty and functionality.



MikroTik app for mobile



MikroTik news

Email privacy settings

☒ News and product announcements

☒ Security announcements

☒ Public event promotion (MUM, Trainings, etc)

☐ Any other unspecified subject

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To perform and maintain our mutual business relations, supply goods and services, realize our legitimate interests, We are entitled to notify and You will also receive notifications and/or emails according to our [Principles of processing personal data](#).

Save email privacy settings

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News



Newsletter #91 | September 2019

In this newsletter
read about

- Audience
- LoRa is ready
- MQS
- GPeR outdoor case
- MikroTik Olympians
- "Wake up, Neo..."
- CCR revisions
- Upcoming MUM

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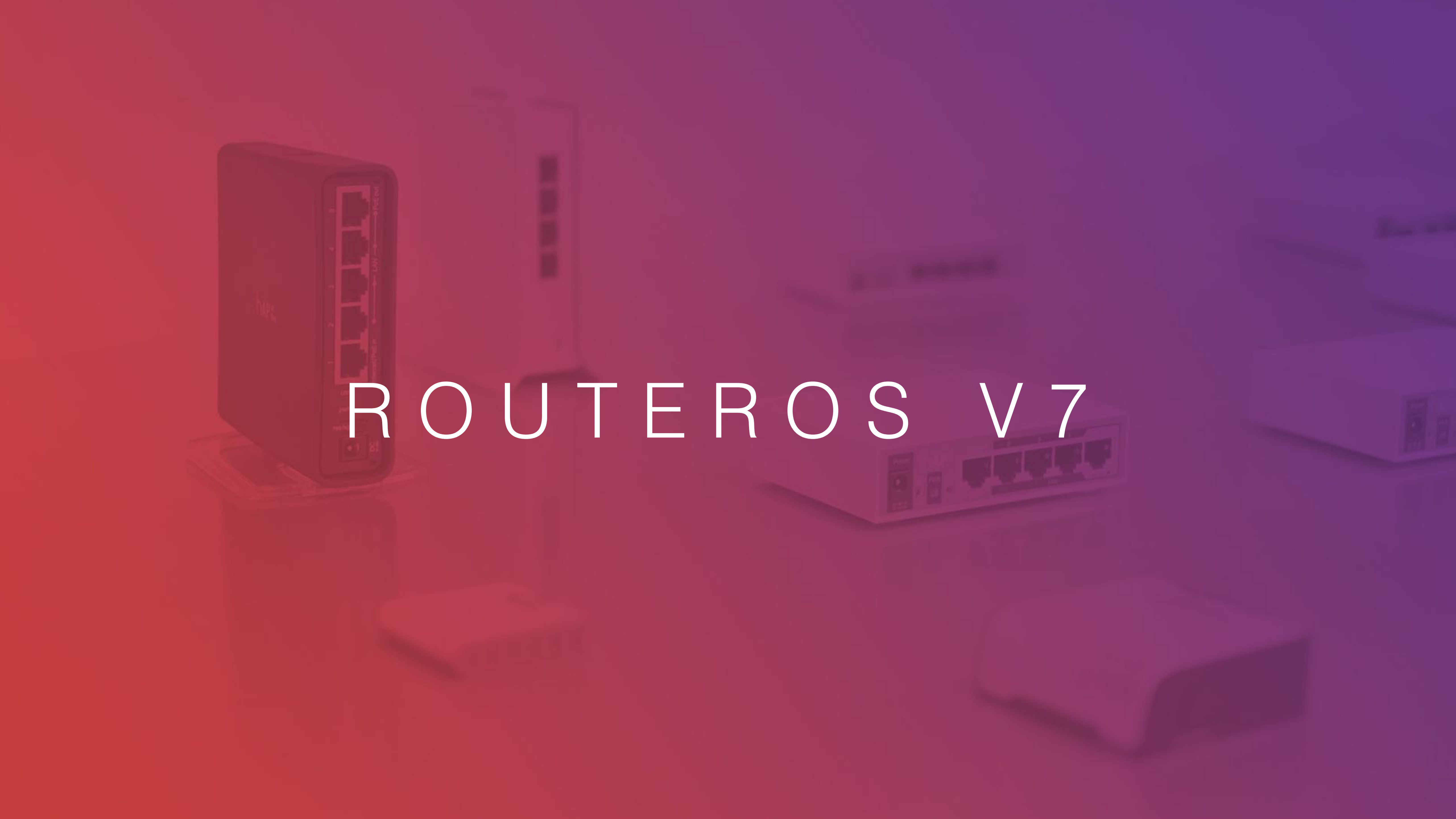


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MikroTik and 5G





ROUTEROS V7

MikroTik RouterOS v7

- 7.0beta3 released for testing
- For 5G and other modems
- Available on MikroTik download page

The image features the Mikrotik logo centered over a stylized world map. The map is rendered in a dark purple color with a grid of latitude and longitude lines. The continents are highlighted in a lighter shade of purple. The Mikrotik logo is white and consists of a stylized 'M' icon followed by the word 'MikroTik' in a sans-serif font. The 'M' icon is composed of three curved lines that form a shape resembling a stylized 'M' or a network node. The word 'MikroTik' is written in a clean, modern font with a slight italicization. The overall composition is balanced and professional, suggesting a global network or technology theme.

MikroTik