



CANADA  
SEPTEMBER 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 signs (+) representing locations. The plus signs are most densely clustered in Europe, North America, and South America, with more sparse distributions in Africa, Asia, and Australia. Five white text boxes with black borders are overlaid on the map, each containing a number and a profession. The text is in a white, sans-serif font.

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. Numerous orange hexagonal markers with white outlines are placed across the map, representing the locations of Mikrotik User Meetings. The markers are densely clustered in Europe and North America, with more scattered markers in South America, Africa, Asia, and Australia.

80+ countries

200 events

3500+ participants



# Today

- 3 staff members from MikroTik
- Schedule available **<https://mt.lv/agenda>**
- Lunch only with coupon, at 12:15
- Drinks and lottery after the event
- Wireless: **iHotel Conference** access Code: **AUI4A**

# Special thanks!



**Wireless Netware**





Live video stream  
[youtube.com/mikrotik](https://youtube.com/mikrotik)

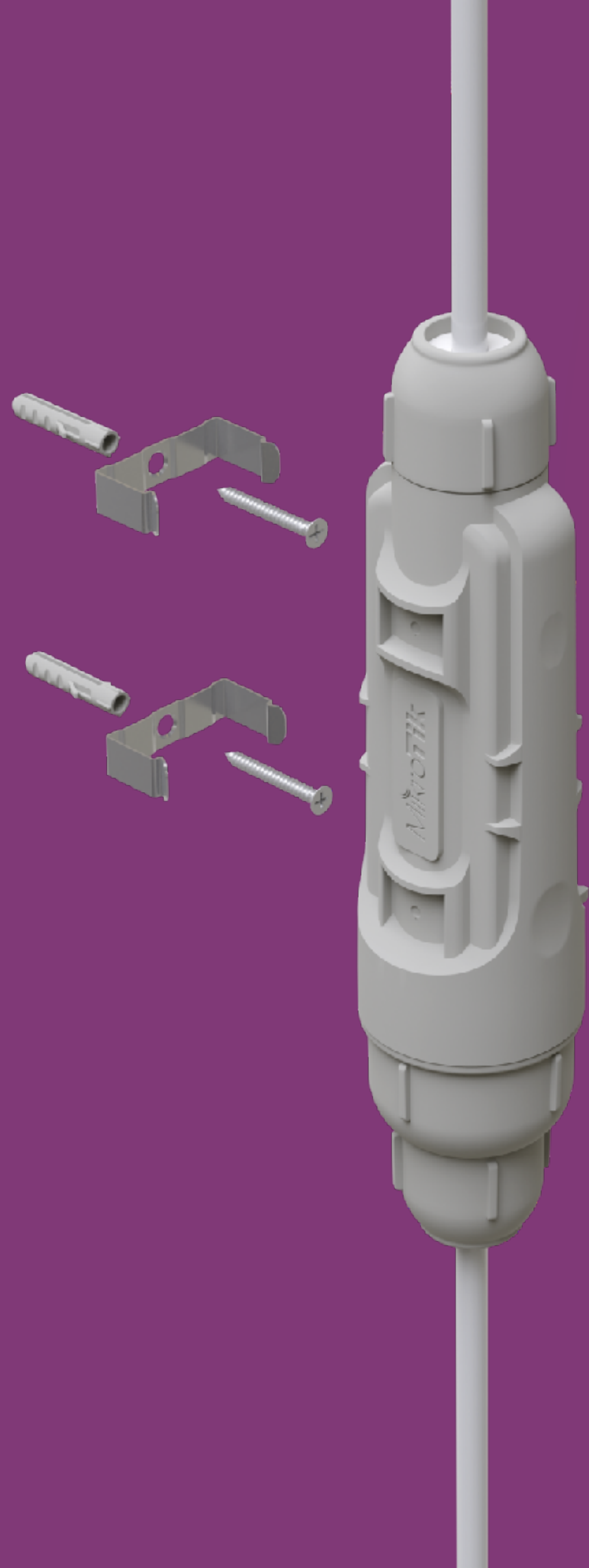




# GPER

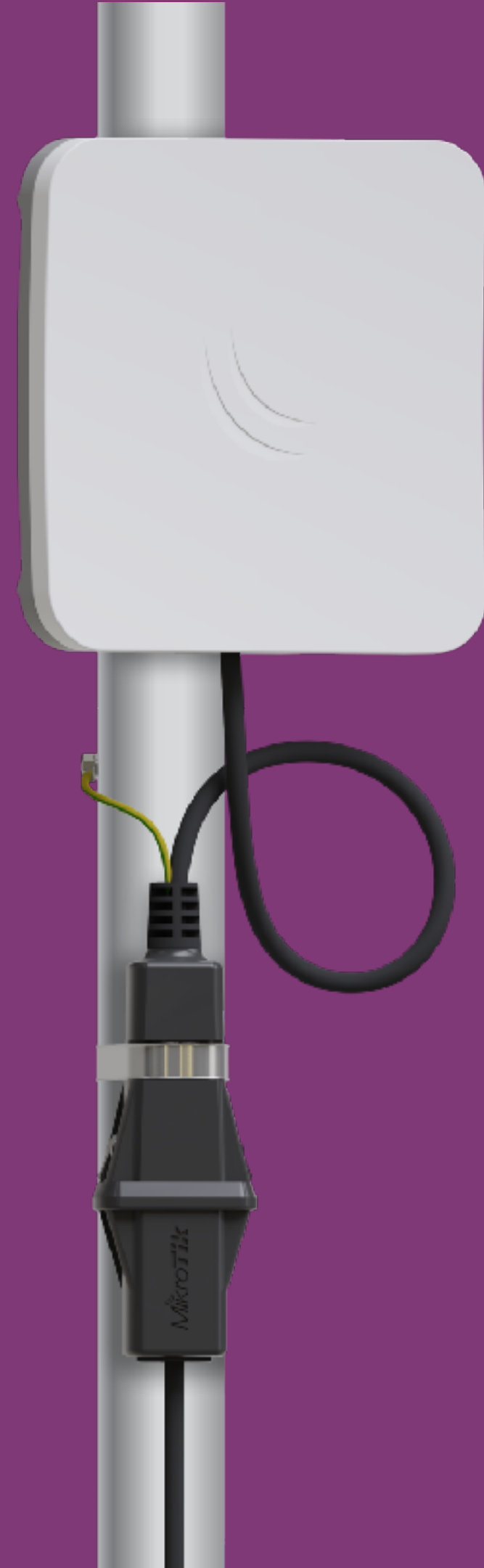
- Gigabit passive Ethernet repeater
- Ethernet extender with PoE passthrough
- 24-57 V supported
- Integrated 15 kV ESD protection
- ~2.5 V loss per 100 meters, allows up to 1.5 km long cable with PoE





# GPER IP67 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

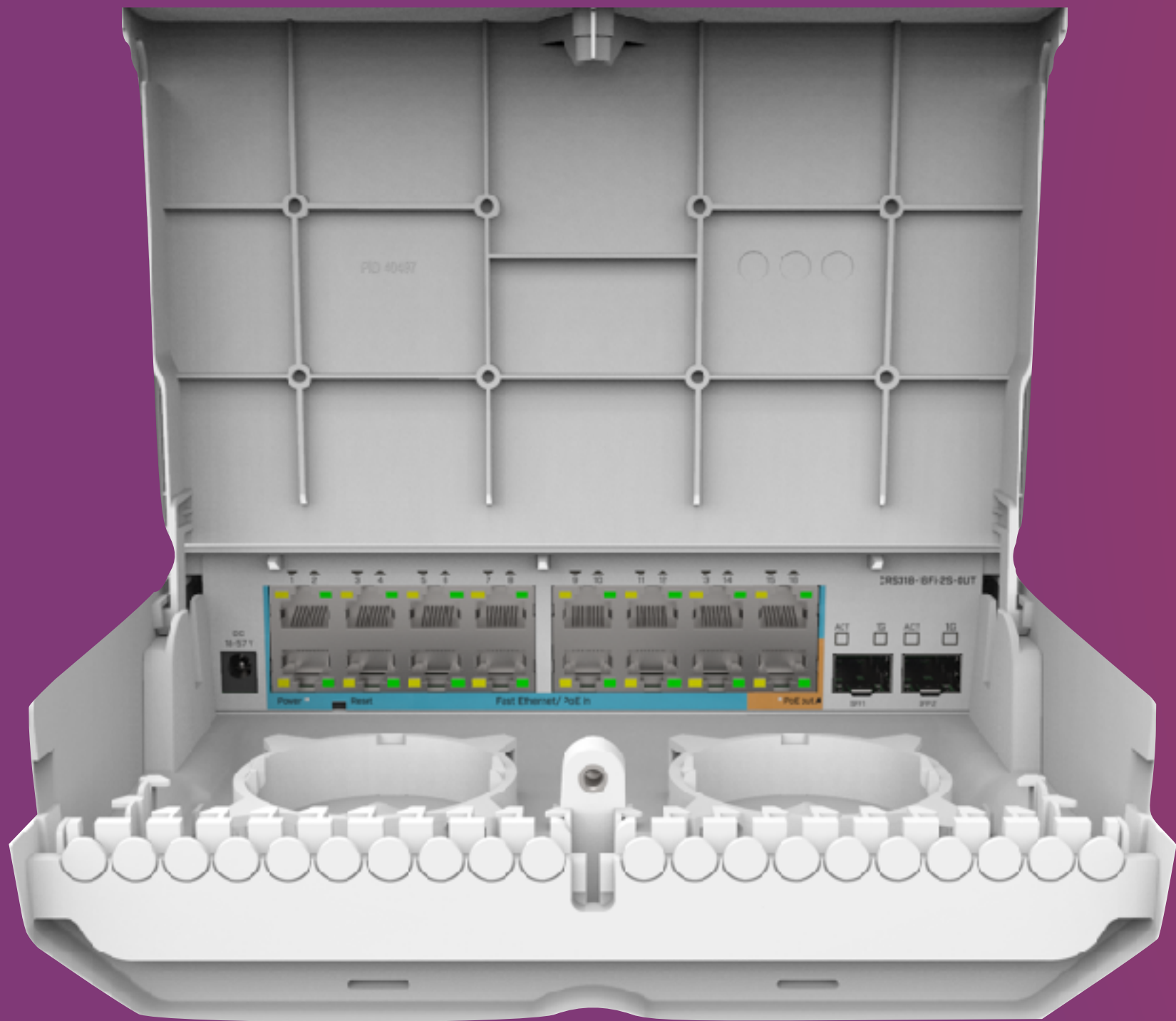


# GPEN

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

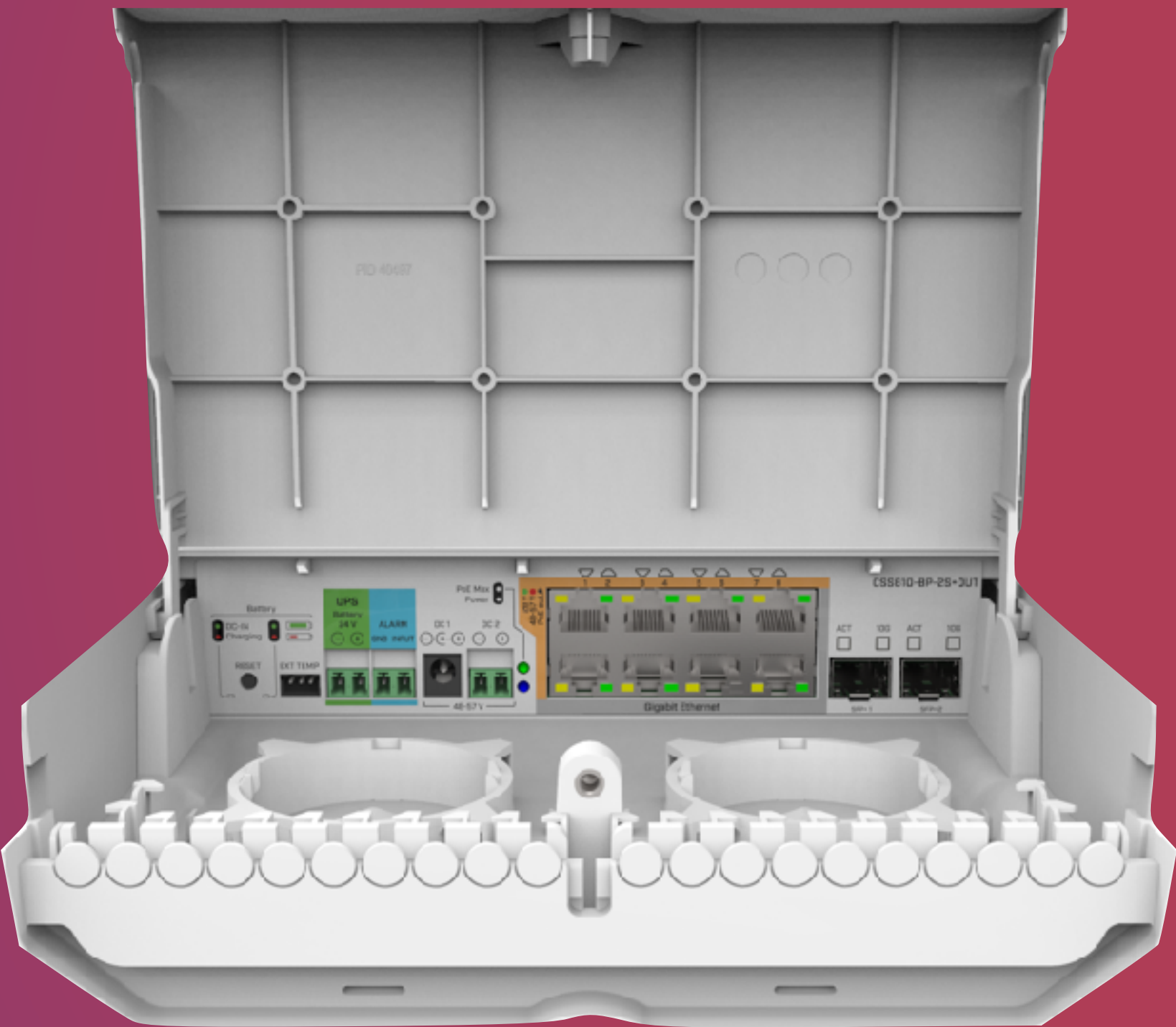


# netPower



**CRS318**

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



**CSS610**

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



# QM-X

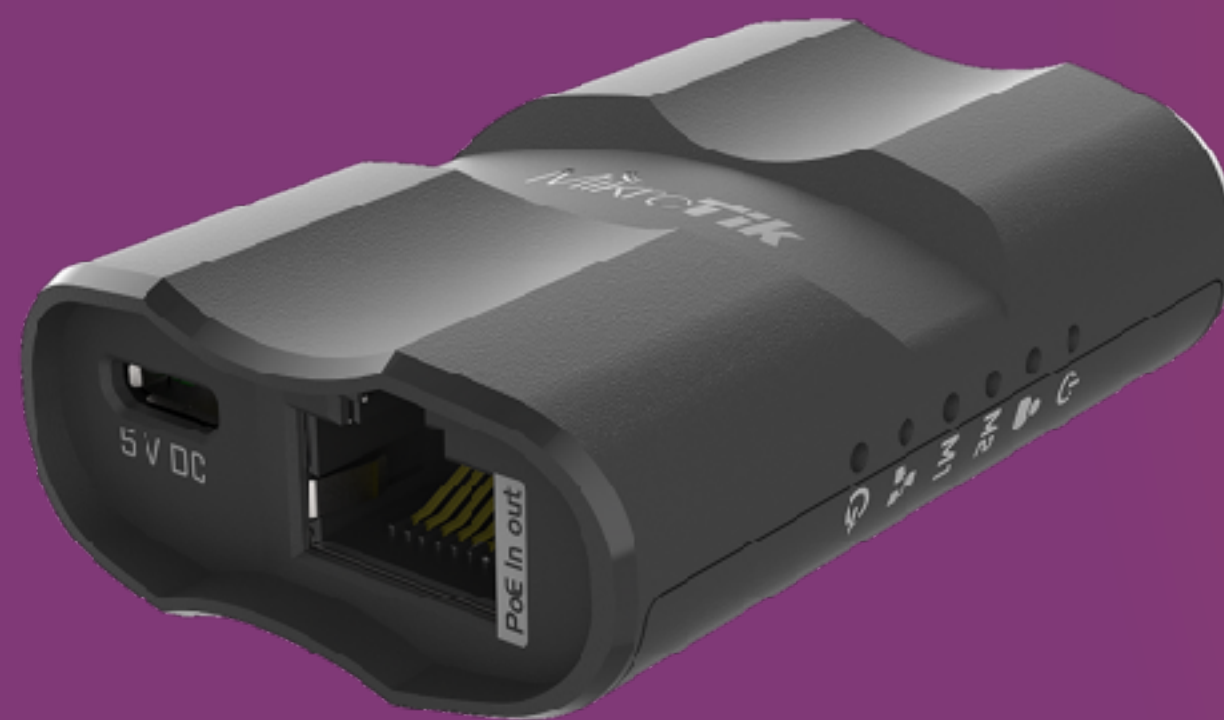
- Designed for popular SXTsq series
- Horizontal and vertical alignment

# 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

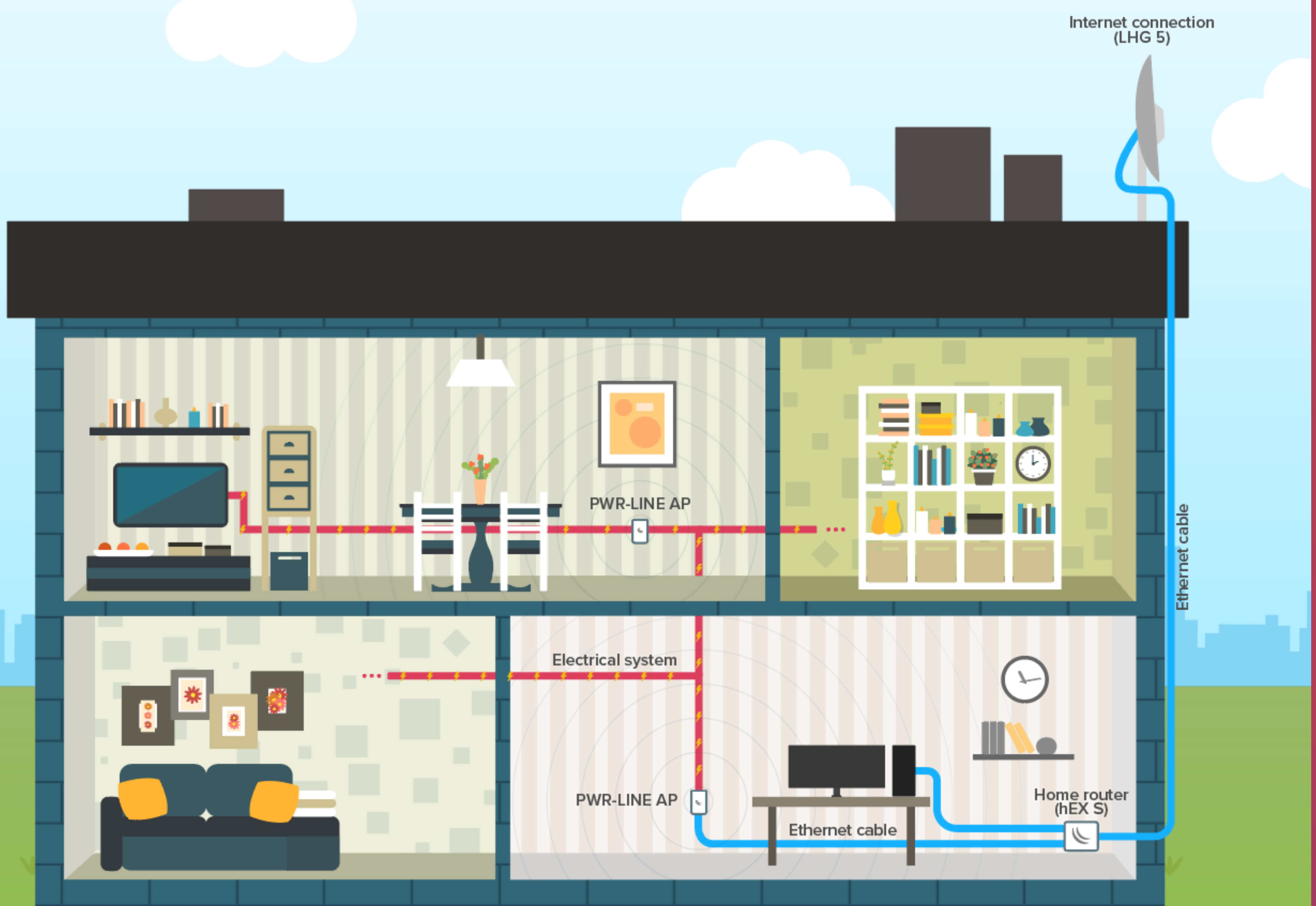


- Adds PowerLine function via microUSB
- Supported by the new hAP lite & mini and mAP family devices
- Connect to PWR Line AP or other routers over the electrical line

# 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

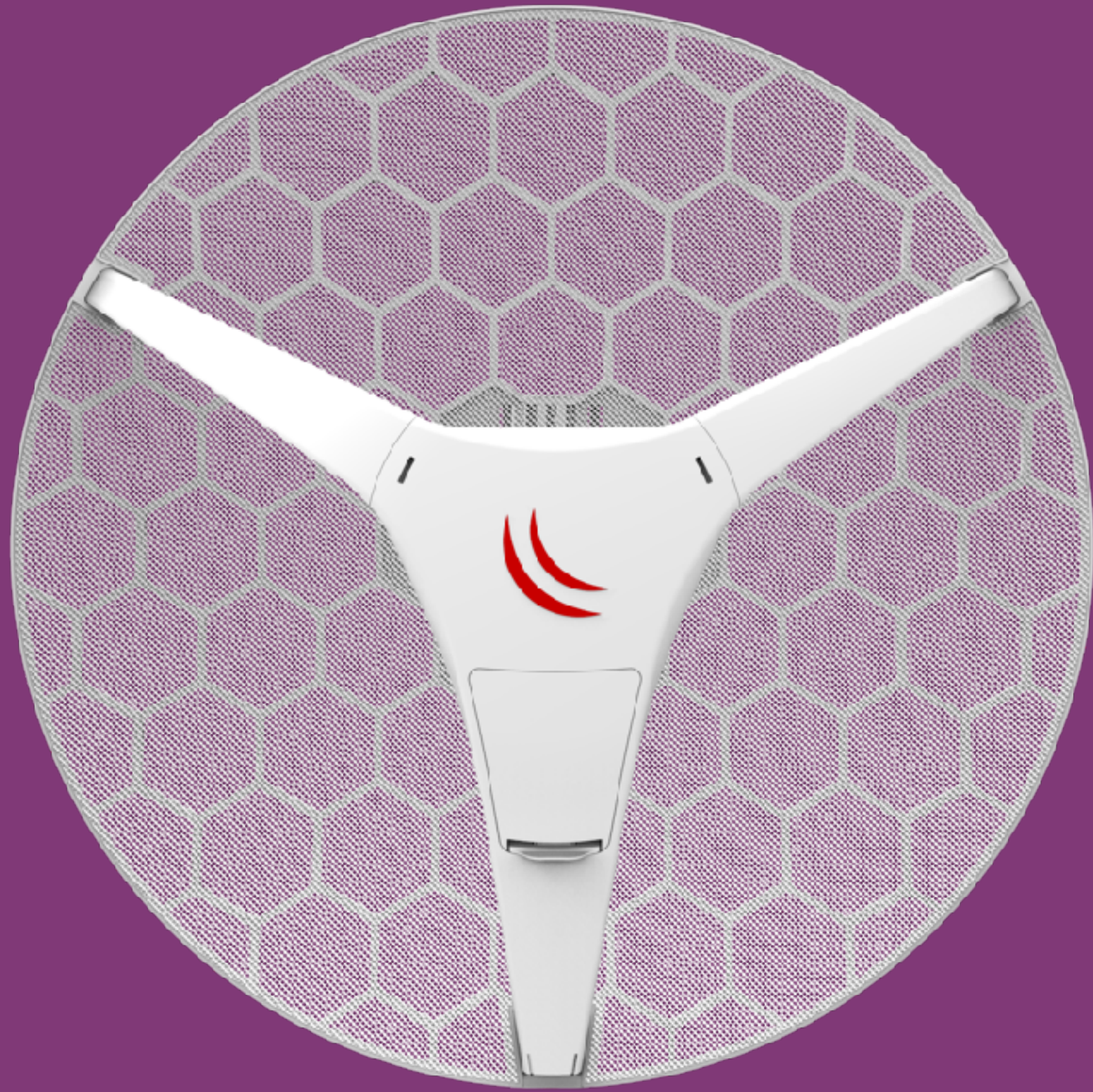


LHG Lite60





# 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)

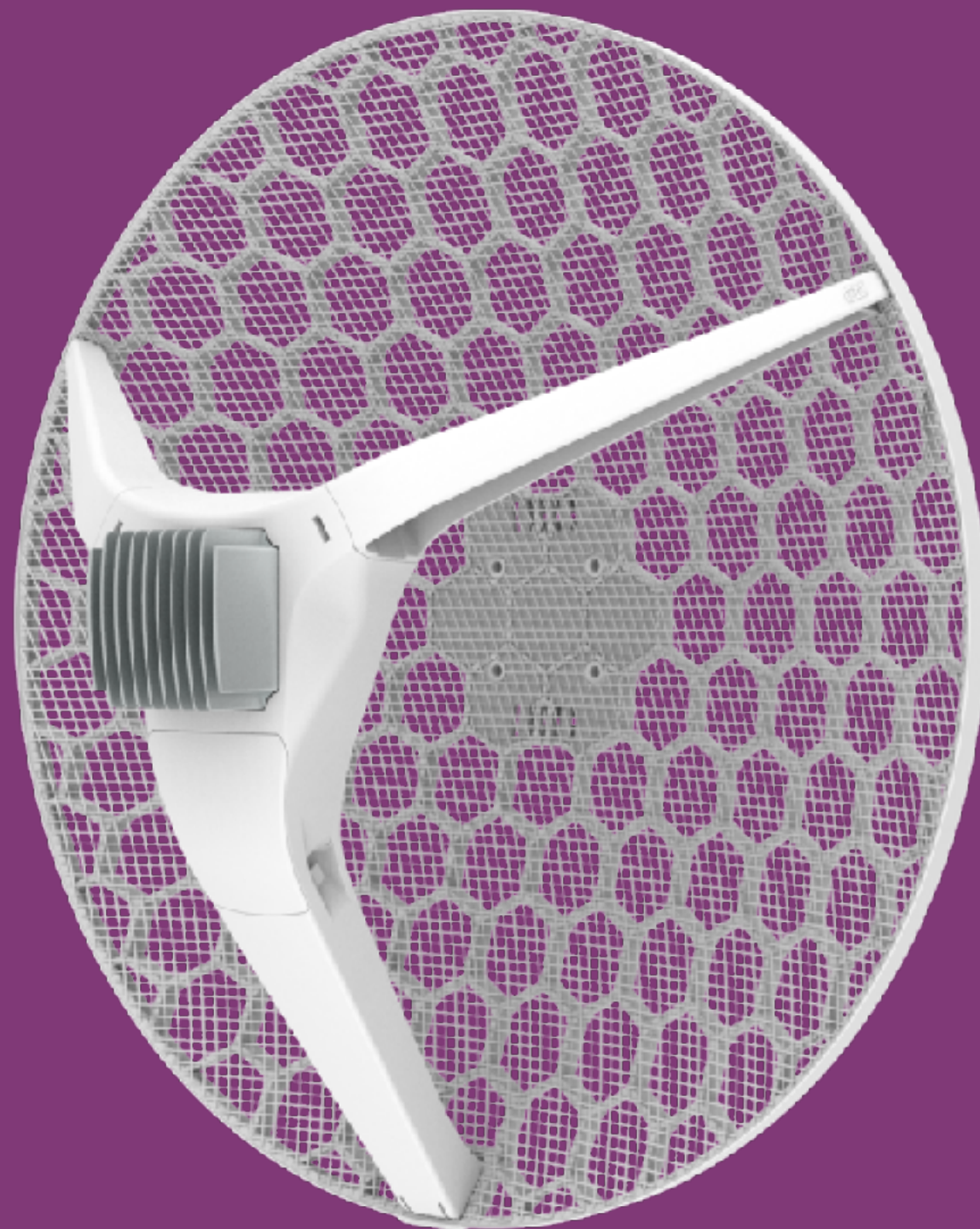


# LtAP

- 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

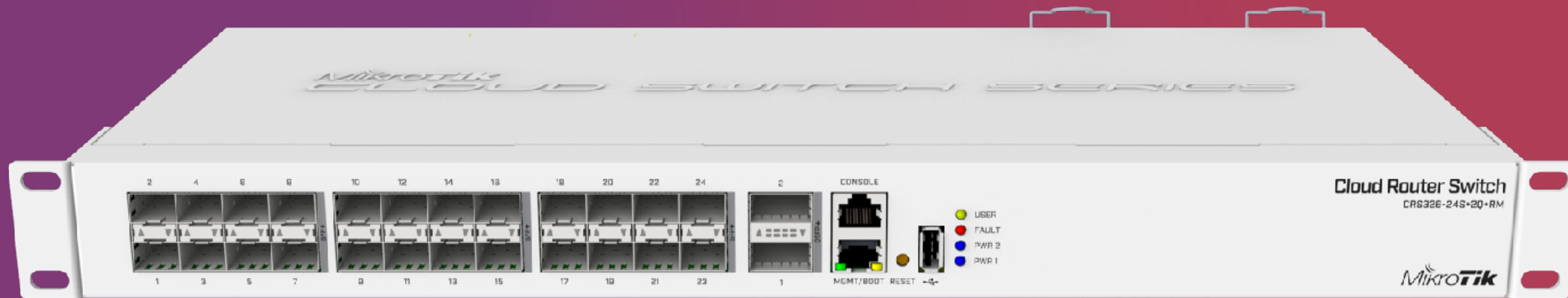


# LHG XL 52 ac

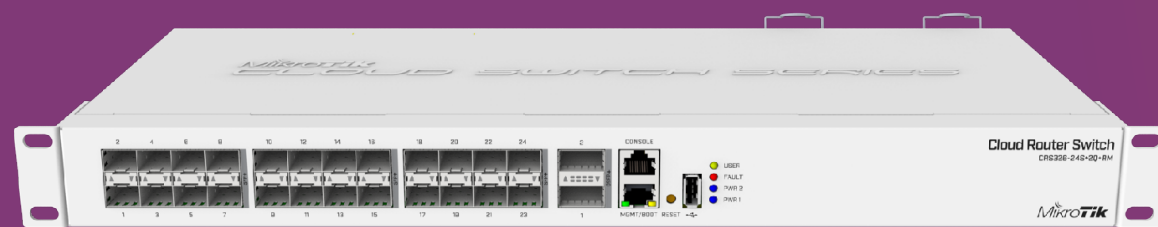


- Dual band
- Gigabit Ethernet and SFP
- High throughput, no downtime connections
- Very high gain and output power

# CRS326-24S+2Q+



# CRS326-24S+2Q+



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

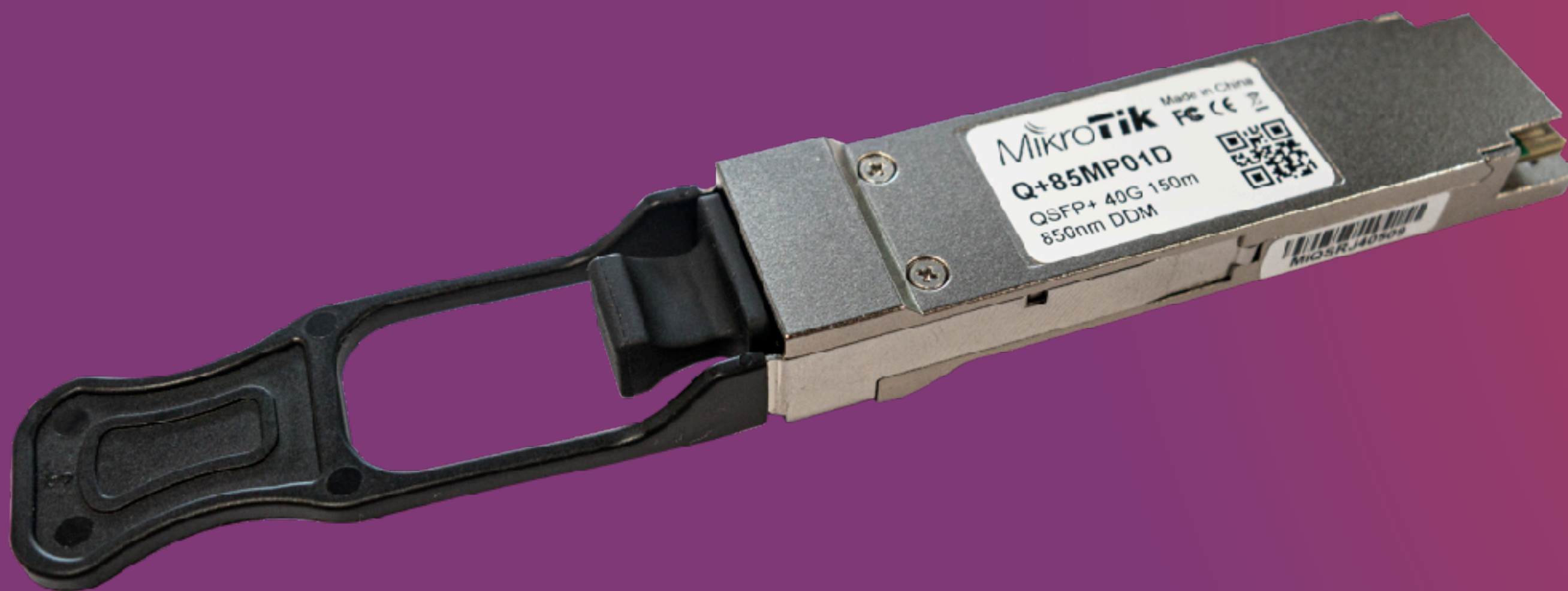


# 40G accessories



- 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

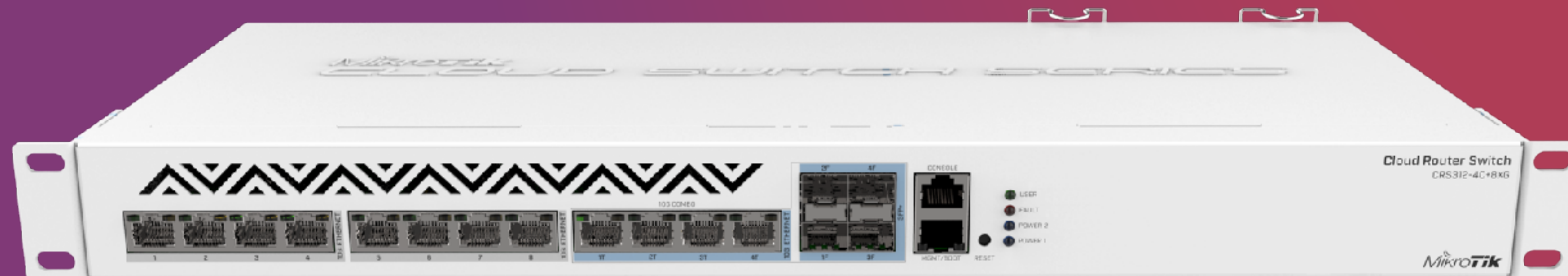


# Q+DA0001

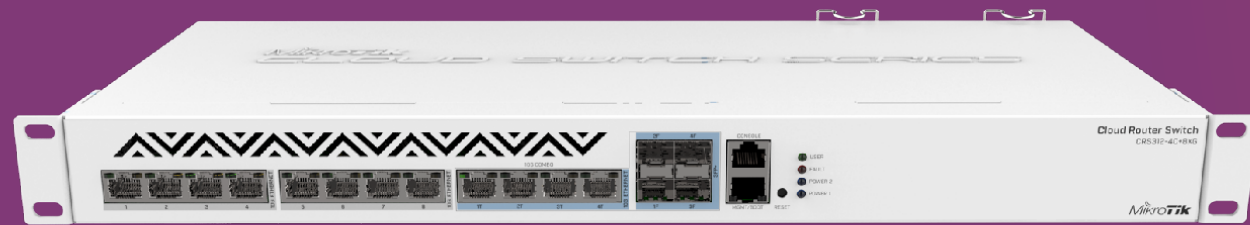


- 40Gbps to 40Gbps
- 1 Meter

# CRS312-4C+8XG



# CRS312-4C+8XG



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

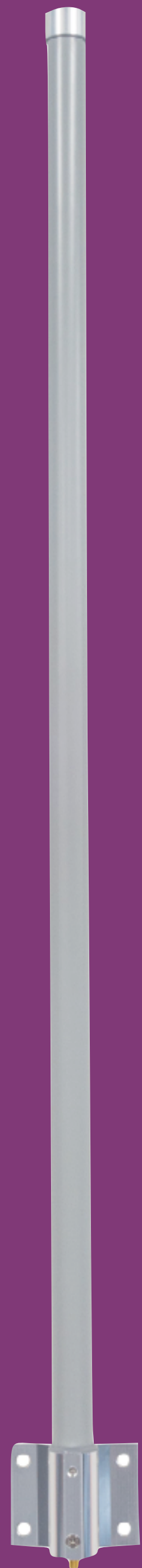




# LoRa

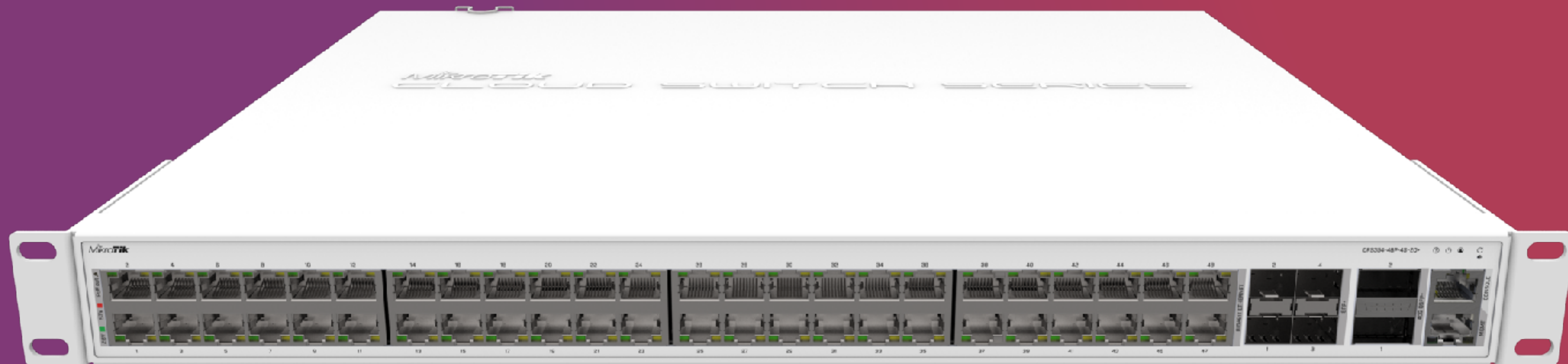
- wAP 2 GHz AP with LoRa gateway
- UDP packet forwarder to any public or private network server
- Integrated 2.5 dBi antenna with external antenna support
- LoRa mPCIe Gateway module available

# LoRa accessories

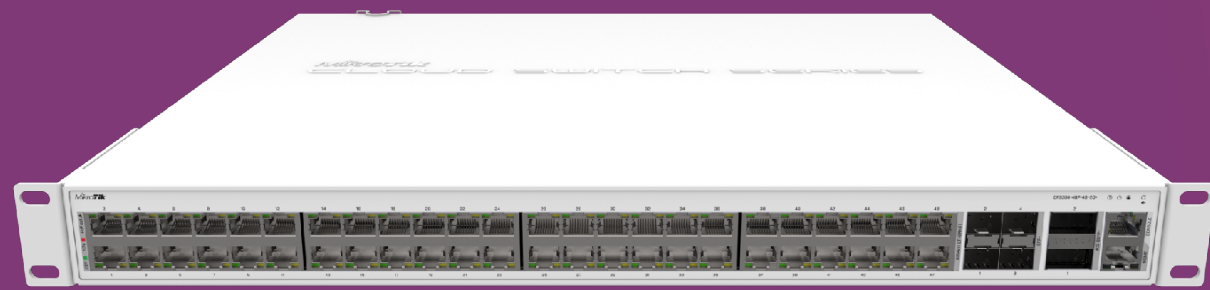


- Card separately
- 1 meter omni antenna

# CRS354







# CRS354

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

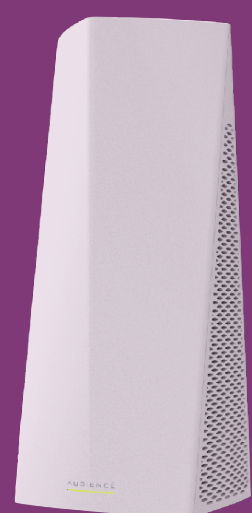
# CCR updates



- 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

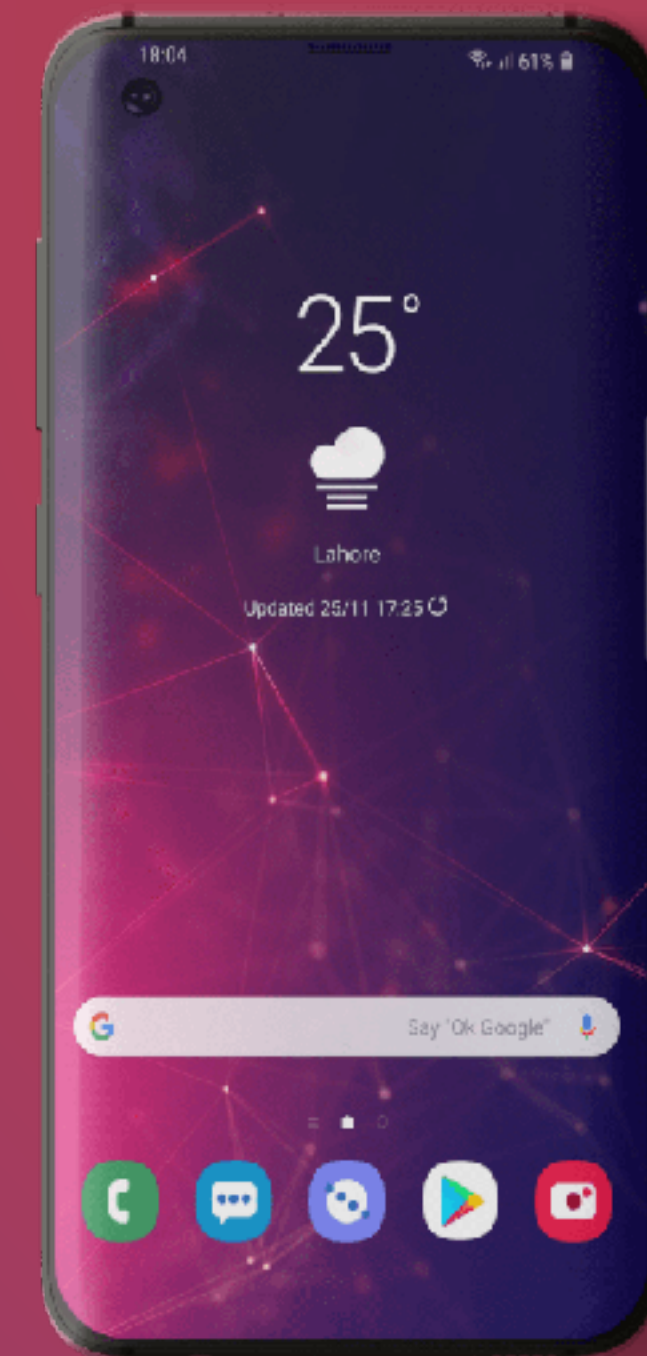
Who said you should hide your router in the closet? Bring it out in the open and enjoy faster and smoother signal in your whole home. A router for those who value both beauty and functionality.







# 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

We will send you only emails in categories you have opted to receive.

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


- [mt.lv/news](https://mt.lv/news)

- Subscribe for the latest news





# 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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Scan me

[mt.lv/news91](https://mt.lv/news91)



# MikroTik and 5G











# ROUTEROS V7

# MikroTik RouterOS v7

- 7.0beta1 released for testing
- For 5G and other modems
- More information at [MikroTik.com](https://mikrotik.com)



# MikroTik RouterOS v7

[mt.lv/v7](https://mt.lv/v7)

The image features the Mikrotik logo centered over a stylized world map. The map uses a color gradient from red on the left to purple on the right, with white outlines for continents. A grid of thin white lines representing latitude and longitude is overlaid on the map. The Mikrotik logo itself is white, with a stylized 'M' icon above the 'i' in 'Mikro'.

*Mikro***Tik**