MikroTik

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hEX S

hEX S is a six port wired Gigabit router for locations where wireless connectivity is not required. Compared to the hEX, the hEX S features an SFP port and PoE output on the last port.

$69

It is affordable, small and easy to use, but at the same time comes with a very powerful dual core 880 MHz CPU and 256 MB RAM, capable of all the advanced configurations that RouterOS supports. The device has a USB 2.0, PoE output for Ethernet port #5 and a 1.25Gbit/s SFP cage.
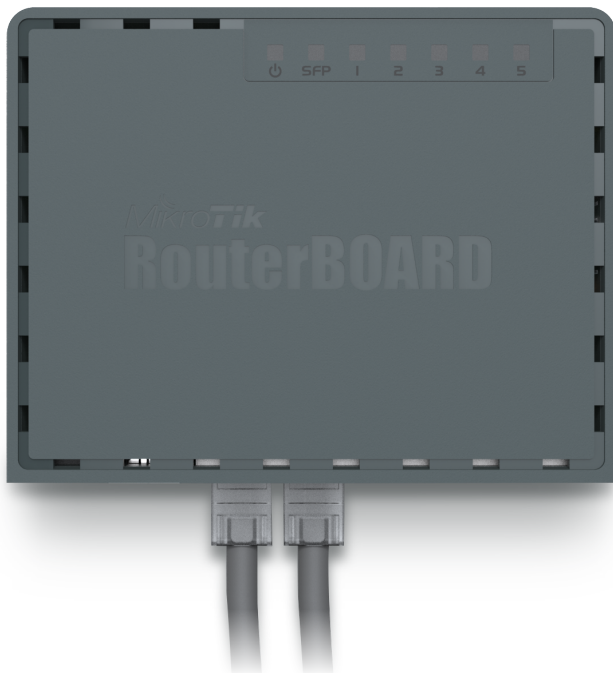
- Dual Core 880 MHz CPU
- 256 MB RAM
- 1.25Gbit/s SFP cage
- Five Gigabit Ethernet ports (one with PoE output support)
- USB 2.0
- microSD slot
- 12 V - 57 V input support by PoE or power jack
- 802.3at/af support
- IPsec hardware encryption (~470 Mbps)
- Dude Server package support
- RouterOS L4 installed
- 24 V 1.2 A power supply included

IPsec hardware encryption (~470 Mbps) and The Dude server package are both supported, and the microSD slot provides improved read/write speed for file storage.

View online

24 V 1.2 A power adapter included

1

SXT LTE kit

The SXT LTE kit is a device for remote locations that are within cellular network coverage. However, due to it's professional LTE chip design and high gain antenna, it can provide connectivity for your building even where cell phones can't.

In comparison with our first generation model RBSXTLTE3-7, the SXT LTE kit is powered by faster CPU and supports not only LTE with more speeds, but also 2G (international model only) and 3G, as well as much wider band range. The unit is equipped with two Ethernet ports (the second port has PoE-out functionality), so you can use it to power up another device. Unit is shipped with a 24 V power supply, but can support full range 18-57 V and is 802.3af/at compliant.

The device has a built in high quality Category 4 modem for speeds of up to 150 Mbit/s downlink and 50 Mbit/s uplink, as well as two Micro SIM slots for backup link.

24 V 0.38 A
power adapter

PoE injector

Metal ring

Pole mounting
bracket

$129

Two versions are available:

RBSXTR&R11e-LTE includes LTE modem that supports International LTE bands 1, 2, 3, 7, 8, 20, 38 and 40.

RBSXTR&R11e-LTE-US includes LTE modem that supports LTE bands 2, 4, 5 and 12, mostly used by mobile operators in United States, Canada and Latin America.
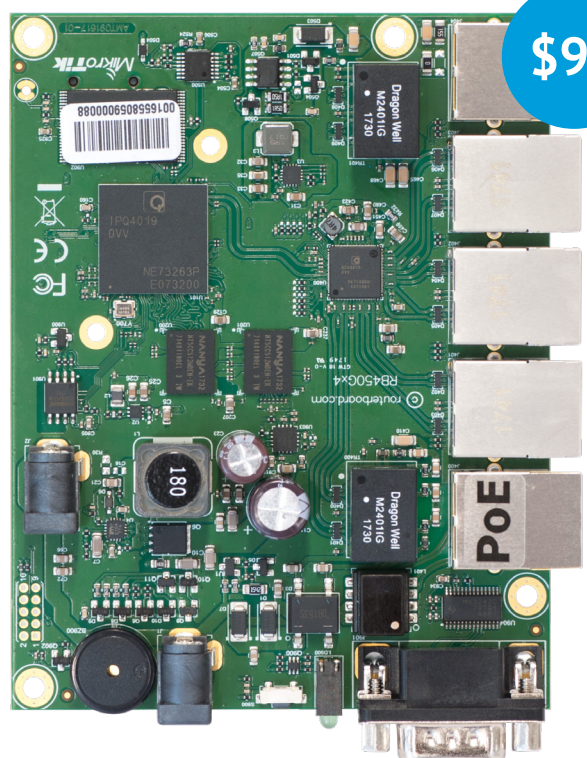
SXT LTE kit   SXT LTE kit US

RB450Gx4

$99

The RB450Gx4 is an Ethernet router with five Gigabit Ethernet ports, a serial port, 512 MB NAND memory and a microSD card slot. In addition, it supports full 10 V - 57 V input by two power jacks or PoE (802.3af/at or passive PoE) and can provide PoE output for Ethernet port #5.

It is powered by MikroTik RouterOS. It comes without an enclosure, you are free to use it in your own. The device form factor is identical to our previous RB850 and RB450 series, so you can even use the same enclosures.

The device is powered by a quad core ARM CPU, has 1 GB of RAM and supports hardware IPsec encryption. The device is powered by RouterOS - the operating system, which will turn this powerful system into a highly sophisticated router, firewall or bandwidth manager.

View online

LDF 2

The LDF (Lite dish feed) is an outdoor wireless system with a built in antenna, meant to be installed on satellite offset dish antennas. The dish will act as a reflector, amplifying the signal.

This means you can use any available satellite TV dish with an offset mount to quickly deploy powerful long range wireless links. The offset mount is universal at 40 mm diameter, and the LDF can easily be placed inside it. Since the LDF itself is a tiny little package, it makes shipping and deployment simple and low cost.

Using large enough dishes, it is possible to obtain antenna amplification of 30 dBi or more. All it takes is to find a spare satellite dish with an offset mount, and put your LDF device. The device comes preinstalled with RouterOS and is ready to use.

$39

24 V 0.38 A adapter

PoE injector

View online

SXTsq Lite2

$39

The SXTsq Lite2 is a compact and lightweight outdoor wireless device with an integrated antenna. Perfect for point-to-point links or as a CPE unit. It is compact, weatherproof and easy to mount. The SXTsq Lite2 retains a 10 dBi antenna like the SXT Lite2, our previous model, yet the antenna design has been improved and the physical size has been dramatically reduced - the SXTsq is two times thinner.
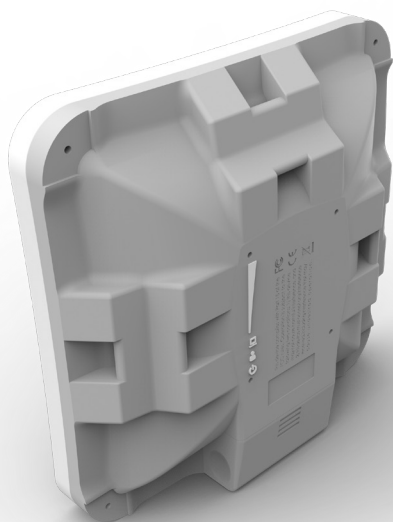
The enclosure includes slots for directly attaching a hose clamp mount in three different mounting places, with ability to be mounted on horizontal railings. The device includes one 10/100 Mbit Ethernet port. There is also an easily accessilble grounding connection to protect it against lightning.

Comparison to previous SXTs
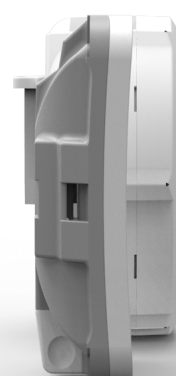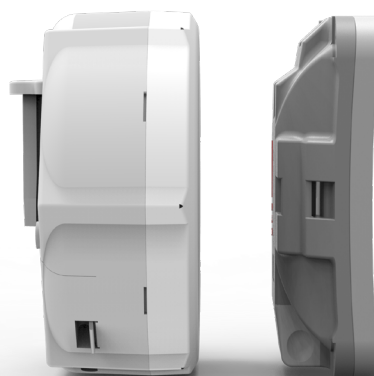
24 V 0.38 A power adapter

Metal ring

PoE injector

View online

4

Upcoming MUM events in 2018
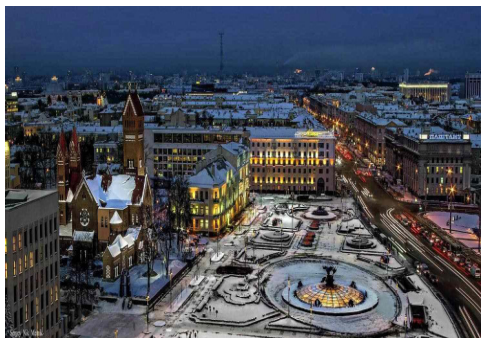
Minsk, Belarus, June 05, 2018

Kiev, Ukraine, June 08, 2018

San Jose, Costa Rica, July 20, 2018

Tegucigalpa, Honduras, July 23, 2018

New Delhi, India, August 10, 2018

Bangkok, Thailand, August 14, 2018

Moscow, Russia,
September 28 - 29, 2018

Istanbul, Turkey, October 15, 2018

Yogyakarta, Indonesia, October 19 - 20, 2018

Train the Trainer in Riga and Bangkok

Are you a certified MikroTik specialist? This is your chance to start a new business as a trainer! We invite you to become a certified trainer!

MikroTik will be conducting Train the Trainer course in **Riga, Latvia, on June 18 - 20th, 2018, in RouterOS Training center** and **Bangkok, Thailand, on August 15 - 17th.**

A MikroTik certified trainer can conduct MikroTik certified training courses anywhere in the world.

Become a MikroTik certified trainer and give the gift of knowledge!

Sign up now!

60 GHz updates

A customer from Hawaii has gotten his first Wireless Wire Dish link up with good results. Here are some photos and test results: **1,470 Meter Link**

TRAFFIC GENERATOR TEST SETUP
LHGG60 in Bridge Mode (192.168.88.2) - - to - - LHGG60 in Station Bridge Mode (192.168.88.3)

```
/tool traffic-generator packet-template
add ip-dst=192.168.88.2 ip-gateway=192.168.88.3 ip-src=192.168.88.10
name=test1 udp-dst-port=100-300
/tool traffic-generator stream
add mbps=2000 name=stream3 packet-size=1500 tx-template=test1
```

More info

Testing MikroTik 60GHz LHGG60 to replace a 39GHz Ceragon

Saying goodbye to an old friend. Disconnected the 39GHz Ceragon.

1470m to 60GHz Dish on mast at Waikiki Shell

1.8 Gbps Aggregate 60GHz Wireless Wire Dish