MikroTik RB750r2 hEX Lite Router User Guide

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Quick Guide

Models: RB750r2 (hEX lite), RB750Gr3 (hEX), RB960PGS (hEX PoE), RB760iGS (hEX S), RB3011UiAS-RM, RB4011iGS+RM, CSS106-1G-4P-1S (RB260GSP), CRS305-1G-4S+IN, CCR1009-7G-1C-PC, CRS125-24G-1S-IN, CRS212-1G-10S-1S+IN, CRS326-24G-2S+RM, CRS326-24G-2S+IN, CRS309-1G-8S+IN, RB450Gx4, RBM33G, RBM11G, CSS106-5G-1S (RB260GS)

MIKROTIK

EN - English - Quick Guide:

This device needs to be upgraded to RouterOS v7.10 or the latest version to ensure compliance with local authority regulations! For the CSS-products, download the latest version of SwitchOS software from **https://mikrotik.com/download** It is the end users' responsibility to follow local country regulations. All MikroTik devices must be professionally installed.

https://mt.lv/um

This is a Network Device. You can find the product model name on the case label (ID). Please visit the user manual page on **https://mt.lv/um** for the full up-to-date user manual. Or scan the QR code with your mobile phone. The most important technical specifications for this product can be found on the last page of this Quick Guide.

Technical specifications, Full EU Declaration of Conformity, brochures, and more info about products at **https://mikrotik.com/products**
Configuration manual for software in your language with additional information can be found at **https://mt.lv/help**
MikroTik devices are for professional use. If you do not have qualifications please seek a consultant **https://mikrotik.com/consultants**

First steps:

- Make sure your ISP is accepting hardware changes and will automatically assign an IP address.
- Connect your ISP cable to the first Ethernet port.
- Connect your PC to the Ethernet2 port.
- Set your computer IP configuration to automatic (DHCP).
- Open https://192.168.88.1 in your web browser to start configuration, there is no password by default, user name: admin (or, for some models, check user and wireless passwords on the sticker).
- To find the device if the IP is not available for example "CRS" models, download Winbox from our webpage and use it to connect through MAC address.
- Update RouterOS software to the latest version, make sure that the device has an internet connection.
- If the device does not have an internet connection update software by downloading the latest version from our webpage and uploading it to the Winbox, Files menu, and rebooting the device.
- Choose your country, apply country regulation settings and set up your password.
- For "RBM11G, RBM33G" models install your desired modem into miniPCIe slot and then connect to the first Ethernet port with MAC Winbox.
- To access the Model 260GS, which operates on the SwOS operating system, you need to set your computer's IP address to 192.168.88.2 and use a web browser. Safety Information:
- Before you work on any MikroTik equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. The installer should be familiar with network structures, terms, and concepts.
- Use only the power supply and accessories approved by the manufacturer, and which can be found in the original packaging of this product.
- This equipment is to be installed by trained and qualified personnel, as per these installation instructions. The installer is responsible for making sure, that the Installation of the equipment is compliant with local and national electrical codes. Do not attempt to disassemble, repair, or modify the device.
- This product is intended to be installed indoors. Keep this product away from water, fire, humidity, or hot environments.
- We cannot guarantee that no accidents or damage will occur due to the improper use of the device. Please use this product with care and operate at your own risk!
- In the case of device failure, please disconnect it from power. The fastest way to do so is by unplugging the power adapter from the power outlet.
- Only applicable for RB4011iGS+RM, CCR1009-7G-1C-PC and CRS309-1G-8S+IN devices. This is a Class A product. In a domestic environment, this product might cause radio interference in which case the user might be required to take adequate measures.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.
Information above is only applicable for RB4011iGS+RM, CCR1009-7G-1C-PC and CRS309-1G-8S+IN devices.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the
following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
  FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

Innovation, Science and Economic Development Canada

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class A digital apparatus complies with Canadian ICES-003.
CAN ICES-003 (A) / NMB-003 (A)

Information above is only applicable for RB4011iGS+RM, CCR1009-7G-1C-PC and CRS309-1G-8S+IN devices.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.
CAN ICES-003 (B) / NMB-003 (B)

UKCA marking

**UK
CA**

Contents

Technical Specifications

Product Power Input
DC Adapter Output Specification, (V/A)
IP class of the enclosure
Operating Temperature

hEX lite, hEX			
DC Jack	24 V / 0.38	IP20	-40°..+60°C
PoE In Ethernet Port	8-30 V		
hEX PoE, CSS106-1G-4P-1S, CCR1009-7G-1C-PC			
DC Jack	24 V / 2.5	IP20	-20°..+60°C
PoE In Ethernet Port	18-57 V		
hEX S, CRS309-1G-8S+IN, RB450Gx4*	24 V / 1.2	IP20	-40°..+60°C
DC Jack	12-57 V		
PoE In Ethernet Port			
RB3011UiAS-RM, CRS212-1G-10S-1S+IN, CRS326-24G-2S+RM, CRS326-24G-2S+IN, RBM11G*	24 V / 1.2	IP20	-40°..+60°C
	10-30 V		
DC Jack	24 V / 1.5	IP20	-40°..+70°C
PoE In Ethernet Port	18-57 V		
RB4011iGS+RM			
DC Jack	24 V / 0.8	IP20	-40°..+70°C
PoE In Ethernet Port	12-57 V		
CRS305-1G-4S+IN			
DC Jack	24 V / 0.8	IP20	-30°..+60°C
PoE In Ethernet Port	11-28 V		
CRS125-24G-1S-IN, RBM33G*			
DC Jack	12 V / 1	IP20	-20°..+70°C
PoE In Ethernet Port			
CSS106-5G-1S	11-30 V		
DC Jack			
PoE In Ethernet Port			

*RBM33G, RBM11G, RB450Gx4 – comes without a power adapter and without a case.
#72855,72856,72857,72858

Documents / Resources

MikroTik RB750r2 hEX Lite Router [pdf] User Guide
RB750r2 hEX lite, RB750Gr3 hEX, RB960PGS hEX PoE, RB760iGS hEX S, RB3011UiAS-RM, RB4011iGS RM, CSS1061G-4P-1S RB260GSP, CRS305-1G-4S IN, CCR1009-7G-1C-PC, CRS125-24G-1S-IN, CRS212-1G-10S-1S IN, CRS326-24G-2S RM, CRS326-24G-2S IN, CRS309-1G-8S IN, RB450Gx4, RBM33G, RBM11G, CSS106-5G-1S RB260GS, RB750r2 hEX Lite Router, hEX Lite Router, Router

MikroTik RB750r2 hEX Lite Router [pdf] User Guide
RB750r2 hEX lite, RB750Gr3 hEX, RB960PGS hEX PoE, RB760iGS hEX S, RB3011UiAS-RM, RB4011iGS RM, CSS1061G-4P-1S RB260GSP, CRS305-1G-4S IN, CCR1009-7G-1C-PC, CRS125-24G-1S-IN, CRS212-1G-10S-1S IN, CRS326-24G-2S RM, CRS326-24G-2S IN, CRS309-1G-8S IN, RB450Gx4, RBM33G, RBM11G, CSS106-5G-1S RB260GS, RB750r2, RB750r2 hEX Lite Router, hEX Lite Router, Router

References

- 🛡 **MikroTik Routers and Wireless - Support**
- 🛡 **MikroTik Routers and Wireless**
- 🛡 **MikroTik Routers and Wireless - Buy**
- 🛡 **MikroTik Routers and Wireless - Support**
- 🛡 **MikroTik Routers and Wireless - Software**
- 🛡 **MikroTik Routers and Wireless - Products**

Manuals+,