




MikroTik CRS326-24G-2S+IN Router Switch User Guide

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CRS326-24G-2S+IN

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Safety Warnings

Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents.

Ultimate disposal of this product should be handled according to all national laws and regulations.

The Installation of the equipment must comply with local and national electrical codes.

Failure to use the correct hardware or to follow the correct procedures could result in a hazardous situation for people and damage to the system.

Read the installation instructions before connecting the system to the power source.



Quick start

- Connect two powering units to the AC source using power cords.

- The Initial connection has to be done via the Ethernet cable, using the MikroTik Winbox utility.
- Use Winbox to connect to the default IP address of 192.168.88.1 from any port, with the username admin and no password. If IP is not available choose the Neighbors tab and connect to the device using the MAC address.
- We recommend clicking the “Check for updates” button and updating your RouterOS software to the latest version to ensure the best performance and stability. The device needs to have an active internet connection.
- To upgrade manually go to our download page <https://mikrotik.com/download>
- Choose packaged based on your device model.
- Download to your PC.
- Upload packages to the Files menu in WinBox and reboot the device.
- Set up your password to secure the device.

Mounting

The device is designed to use indoors and it can be placed on the desktop. The device has no protection from water contamination, please ensure the placement of the device in a dry and ventilated environment. We recommend Cat6 cables for our devices. The mounting and configuration of this device should be done by a qualified person.

Extension slots and ports

- 24 of Gigabit Ethernet ports.
- Two 10G SFP+ ports.
- 1x RJ45 console port (set at 115200bits/s, 8 data bits, 1 stop bit no parity).

Please visit wiki pages for MikroTik SFP module compatibility and configuration table:

https://wiki.mikrotik.com/wiki/MikroTik_SFP_module_compatibility_table

Powering

The device accepts power in the following ways:

- Ethernet port accepts passive PoE 10-30 V DC .
- Direct-input power jack (5.5 mm outside and 2 mm inside, female, pin positive plug) accepts 10-30 V DC.

The power consumption under maximum load can reach 24 W. Connecting to a PoE Adapter:

1. Connect the Ethernet cable from the device to the PoE+DATA port of the PoE adapter;
2. Connect an Ethernet cable from your local network (LAN) to the PoE adapter;
3. Connect the power cord to the adapter, and then plug the power cord into a power outlet.

Booting process

The device supports booting RouterOS (for complete routing and switching configuration) or SwOS (for only using as a switch). By default, the device will boot RouterOS, but you can reboot into the other operating system in the following ways:

- From SwOS: In the System menu, click “Boot RouterOS” button on the bottom of the page.
- From RouterOS: in the System, RouterBOARD menu, click “Settings” and there select “Boot OS”.

It is also possible to select the OS and configure other boot settings via the serial console menu.

Reset button

The RouterBOOT reset button has the following functions. Press the button and apply the power, then:

- Release the button when green LED starts flashing, to reset RouterOS configuration to defaults.
- Release the button when the LED turns solid green to clear all configuration and defaults.
- Release the button after LED is no longer lit (~20 seconds) to cause a device to look for Netinstall servers (required for reinstalling RouterOS over the network).

Regardless of the above option used, the system will load the backup RouterBOOT loader if the button is pressed before power is applied to the device. Useful for RouterBOOT debugging and recovery.

Operating system support

The device supports dual boot SwOS software version 2.9 and RouterOS v6. The specific factory-installed version number is indicated in the RouterOS menu /system resource. Other operating systems have not been tested.

<https://wiki.mikrotik.com/wiki/SwOS>

Safety Notice



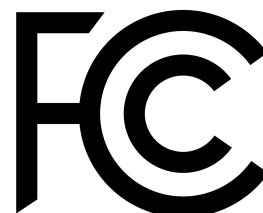
Electric shock hazard. This equipment is to be serviced by trained personnel only.

Federal Communication Commission Interference Statement

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 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.

Industry Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CE Declaration of Conformity

Manufacturer: Mikrotiks SIA, Brivibas gatve 214i Riga, Latvia, LV1039.



Hereby, Mikrotiks SIA declares that the radio equipment type RouterBOARD is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
<https://mikrotik.com/products>

Note. Information contained here is subject to change. Please visit the product page on www.mikrotik.com for the most up-to-date version of this document.



Instruction manual: Connect the power adapter to turn on the device. Open 192.168.88.1 in your web browser, to configure it. More information on <http://mt.lv/help>

See mikrotik.com/products for the latest version of this document.
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Documents / Resources

	MikroTik CRS326-24G-2S+IN Router Switch [pdf] User Guide CRS326-24G-2S IN, Router Switch
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References

- [MikroTik Routers and Wireless - Products](#)
- [MikroTik Routers and Wireless](#)
- [MikroTik Routers and Wireless](#)
- [MikroTik Routers and Wireless - Software](#)
- [Manual:TOC - MikroTik Wiki](#)
- [MikroTik SFP module compatibility table - MikroTik Wiki](#)
- [SwOS - MikroTik Wiki](#)