Cloud Core Router series

Setup Guide and Warranty Information

The CCR is a high performance multicore router with twelve Gigabit ports and four SFP cages. Two models currently available: CloudCoreRouter 1036-12G-4S-BU (36 cores, 2x2GB RAM), CloudCoreRouter 1016-12G-BU (16 cores, 2x1GB RAM)

First use

The device comes preinstalled with RouterOS and is ready to use. Device is compatible with RouterOS v6 and newer, if your device comes preinstalled with an earlier version, please upgrade before using it.

The Ethernet ports 1 has a default IP address for connecting: **192.168.88.1** username is **admin** and there is **no password.** Please connect with your web browser to this IP address and choose Webfig to configure it. The device doesn't have any other configuration applied by default, please connect to it, and set up WAN IP addresses, user password, firewall etc.

See this page for connection and configuration guides: http://wiki.mikrotik.com/wiki/Category:Manual

Powering

The device accepts powering in the following ways:

- Direct-input power jack: 18-28V (24V 2.5A PSU included)
- Power Header: 18-28V
- *Only CloudCoreRouter 1016-12G-BU:* Accepts PoE, 20-28V on the Ether 12 port

Extension Slots and Ports

- Twelve 10/100/1000 (Gigabit) Ethernet ports (Auto MDI/X)
- *Only CloudCoreRouter 1036-12G-4S-BU*: Four SFP cages
- One LCD connector (LCD touchscreen included)

Resetting the device

In case you wish to return the device to its original configuration, you can use the RESET button. Hold this button during boot time until LED lights start flashing, then release the button to **reset RouterOS configuration.** You can use this procedure if you have forgotten the password to access the device, or simply wish to return the unit to its default configuration state.

Buttons and Jumpers

- RouterBOOT reset button (image Reset1) has several functions:
  - ✓ Hold the button before powering on the device, and at power up, the button will force load the backup boot loader. Continue holding the button for the other two functions of this button:
  - ✓ Release the button when green LED starts flashing, to reset RouterOS configuration. To not load backup boot loader, you can start holding the button after power is already applied
  - ✓ Release the button after LED is no longer flashing (~20 seconds) to cause device to look for Netinstall servers (required for reinstalling RouterOS over network)
- RouterOS reset jumper hole (image Reset2): **resets RouterOS** software to defaults. Hold screwdriver pressed to this reset hole, and boot the device. Hold screwdriver in place until RouterOS configuration is cleared (10 seconds).

Operating System Support

Currently tested operating system is MikroTik RouterOS (starting from version 6).

Warranty

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Hardware. MikroTik warrants all RouterBOARD series equipment for the term of twelve (12) months from the shipping date to be free of defects in materials and workmanship under normal use and service, except in case of damage caused by mechanical, electrical or other accidental or intended damages caused by improper use or due to wind, rain, fire or other acts of nature.

To return failed units to MikroTik, you must perform the following RMA (Return Merchandise Authorization) procedure. Follow the instructions below to save time, efforts, avoid costs, and improve the speed of the RMA process.

1. If you have purchased your product from a MikroTik Reseller, please contact the Reseller company regarding all warranty and repair issues, the following instructions apply ONLY if you purchased your equipment directly from MikroTik in Latvia.
2. We do not offer repairs for products that are not covered by warranty. Exceptions can be made for RB1000, RB1100 and RB1200, CCR.
3. Out-of-warranty devices and devices not covered by warranty sent to MikroTik will be returned to the sender at sender's cost.

RMA Instructions are located on our webpage here: **http://rma.mikrotik.com**

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