# Cloud Core Router  1009 series

## Setup Guide and Warranty Information

The CCR1009 is a high performance nine core CPU powered ethernet router.  Two models are currently available: CCR1009-8G-1S-1S+ and CCR1009-8G-1S

## 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:

- Dual power supplies for redundancy, 110-250V input, IEC connectors
- PoE input on Ether8, 12-56V *passive PoE only*

## Extension Slots and Ports

- CCR1009-8G-1S-1S+: 8x 1Gbit Etheret, 1x SFP, 1x SFP+, microSD, microUSB, RS232 serial port, smart card slot
- CCR1009-8G-1S: 8x 1Gbit Etheret, 1x SFP, microSD, microUSB, RS232 serial port

*Note: SFP+ port supports only modules up to 10KM LR (long reach).*

## 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 6.9).

# Safety Notice

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

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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 series.
3. Out-of-warranty devices and devices not covered by warranty sent to Mikrotikls 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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# CE Declaration of Conformity

Full Declaration of Conformity (DoC) may be obtained by visiting this web page:

**http://routerboard.com/doc/**

| | |
|---|---|
| [EN] English | Hereby, MIKROTĪKLS SIA declares that this Cloud Core Router is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. |
| [BG] Bulgarian | С настоящето, MIKROTĪKLS SIA декларира, че Cloud Core Router е в съответствие със съществените изисквания и другитеприложими разпоредби на Директива 1999/5/ЕС. |
| [CZ] Czech | MIKROTĪKLS SIA tímto prohlašuje, že Cloud Core Router splňuje základní požadavky a všechna příslušná ustanoveni Směrnice 1999/5/ES. |
| [DK] Danish | Undertegnede MIKROTĪKLS SIA erklærer herved, at følgende udstyr Cloud Core Router overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF. |
| [DE] German | Hiermit erklärt MIKROTĪKLS SIA dass sich das Gerät Cloud Core Router in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet. |
| [EE] Estonian | Käesolevaga kinnitab MIKROTĪKLS SIA seadme Cloud Core Router vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele. |
| [GR] Greek | ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Ο ΚΑΤΑΣΚΕΥΑΣΤΗΣ MIKROTĪKLS SIA ΔΗΛΩΝΕΙ ΟΤΙ Cloud Core Router ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ |
| [ES] Spanish | Por la presente, MIKROTĪKLS SIA declara que este Cloud Core Router cumple con los requisitos esenciales y otras exigencias relevantes de la Directiva 1999/5/EC. |
| [IT] Italian | Con la presente MIKROTĪKLS SIA dichiara che questo Cloud Core Router è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE. |
| [LV] Latvian | Ar šo MIKROTĪKLS SIA deklarē, ka Cloud Core Router atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem. |
| [LT] Lithuanian | Šiuo MIKROTĪKLS SIA deklaruoja, kad šis Cloud Core Router atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas. |
| [HU] Hungarian | A MIKROTĪKLS SIA ezzennel kijelenti, hogy a Cloud Core Router típusú beren-dezés teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket. |
| [NL] Dutch | Hierbij verklaart MIKROTĪKLS SIA dat het toestel l Cloud Core Router in overeenstemming is met de essentiële eisen en de andere relevante bepalin-gen van richtlijn 1999/5/EG. |
| [PL] Polish | Niniejszym MIKROTĪKLS SIA deklaruje że Cloud Core Router jest zgodny z zasadniczymi wymaganiami i innymi właściwymi postanowieniami Dyrektywy 1999/5/EC. |
| [PT] Portuguese | Eu, MIKROTĪKLS SIA declaro que o Cloud Core Router cumpre os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC. |
| [RO] Romanian | Prin prezenta, MIKROTĪKLS SIA declară că aparatul Cloud Core Router este în conformitate cu cerinţele esenţiale şi cu alte prevederi pertinente ale Directivei 1999/5/CE.. |
| [SK] Slovak | MIKROTĪKLS SIA týmto vyhlasuje, že Cloud Core Router spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES. |
| [SI] Slovenian | MIKROTĪKLS SIA izjavlja, da je ta Cloud Core Router v skladu z bistvenimi zahtevami in drugimi relevantnimi določili direktive 1999/5/ES. |
| [FI] Finish | MIKROTĪKLS SIA vakuuttaa täten että Cloud Core Router tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen. |
| [SE] Swedish | Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i direktiv 1999/5/EC. |
| [NO] Norwegian | MIKROTĪKLS SIA Erklærer herved at Cloud Core Router er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF. |

**EN. 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://wiki.mikrotik.com **BG. Инструкция**: Свържете адаптера на захранване, за да включите устройството. Отворете 192.168.88.1 в уеб браузър, за да настроите продукта. Повече информация в http://wiki.mikrotik.com **CZ. Návod k použiti**: Připojte napájecí adaptér k zapnutí přístroje. Otevřete 192.168.88.1 ve webovém prohlížeči pro konfiguraci produktu. Více informací najdete v http://wiki.mikrotik.com **DK. Instruktionsbog**: Tilslut strømadapteren for at tænde for enheden. Åbn 192.168.88.1 i en webbrowser til at konfigurere produktet. Mere information i http://wiki.mikrotik.com **FR. Mode d'emploi**: Connectez l'adaptateur d'alimentation pour allumer l'appareil. Ouvrez 192.168.88.1 dans un navigateur Web pour configurer le produit. Plus d'informations dans http://wiki.mikrotik.com **DE. Bedienungsanleitung**: Verbinden Sie das Netzteil, um das Gerät einzuschalten. Öffnen Sie 192.168.88.1 in einem Web-Browser, um das Produkt zu konfigurieren.  Weitere Informationen im http://wiki.mikrotik.com **EE. Kasutusjuhend**: Ühendage toiteadapter seadme sisselülitamiseks. Avatud 192.168.88.1 in veebilehitseja seadistada toodet. Rohkem teavet http://wiki.mikrotik.com **ES. Manual de instrucciones**: Conecte el adaptador de alimentación para encender la unidad. Abra 192.168.88.1 en un navegador web para configurar el producto. Más información en http://wiki.mikrotik.com **IT. Manuale di istruzioni**: Collegare l'adattatore di alimentazione per accendere l'unità. Aprire 192.168.88.1 in un browser Web per configurare il prodotto. Maggiori informazioni in http://wiki.mikrotik.com **LV. Lietošanas instrukcija**: Pievienojiet Strāvas adapteri, lai ieslēgtu ierīci. Atvērt 192.168.88.1 ar interneta pārlūku, lai konfigurētu produktu. Plašāka informācija http://wiki.mikrotik.com **LT. Naudojimosi instrukcija**: Prijunkite maitinimo adapterį įjunkite įrenginį. Į interneto naršyklę 192.168.88.1 Atidarykite galite konfigūruoti gaminį. Daugiau informacijos rasite http://wiki.mikrotik.com **HU. Használati utasítás**: Csatlakoztassa a hálózati adaptert a készülék bekapcsolásához. Megnyitása 192.168.88.1 egy webböngészőben beállítani a terméket. Több információ http://wiki.mikrotik.com **NL. Handleiding**: Sluit voedingsadapter aan op het apparaat in te schakelen. Open 192.168.88.1 in een webbrowser om het product te configureren. Meer informatie in http://wiki.mikrotik.com **PL. Instrukcja obsługi**: Podłącz adapter zasilania, aby włączyć urządzenie. Otwórz 192.168.88.1 w przeglądarce internetowej, aby skonfigurować urządzenie. Więcej informacji w http://wiki.mikrotik.com **PT. Manual de instruções**: Conecte o adaptador de alimentação para ligar o aparelho. Abra 192.168.88.1 em um navegador da web para configurar o produto. Mais informações em http://wiki.mikrotik.com **RO. Instrucţiuni de utilizare** : Conectaţi adaptorul de alimentare pentru a porni aparatul. Deschide 192.168.88.1 într-un browser web pentru a configura produsul. Mai multe informaţii în http://wiki.mikrotik.com **SK. Návod na použitie**: Pripojte napájací adaptér k zapnutiu prístroja. Otvorte 192.168.88.1 vo webovom prehliadači pre konfiguráciu produktu. Viac informácií nájdete v http://wiki.mikrotik.com **SI. Navodila**: Priključite napajalnik za vklop naprave. Odprite 192.168.88.1 v spletnem brskalniku nastaviti izdelek. Več informacij v http://wiki.mikrotik.com **FI. Käyttöohje**: Kytke virtalähde päälle laitteen. Avaa 192.168.88.1 in selaimen määrittää tuotteen. Lisää tietoa http://wiki.mikrotik.com **SE. Instruktionsmanual**: Anslut nätadaptern för att slå på enheten. Öppna 192.168.88.1 i en webbläsare för att konfigurera produkten. Mer information på http://wiki.mikrotik.com **NO. Bruksanvisningen**: Koble strømadapteren for å slå på enheten. Åpne 192.168.88.1 i en nettleser for å konfigurere produktet. Mer informasjon på http://wiki.mikrotik.com **GR. εγχειρίδιο οδηγιών**: Συνδέστε τον προσαρμογέα τροφοδοσίας για να ενεργοποιήσετε τη μονάδα. Ανοίξτε 192.168.88.1 σε ένα πρόγραμμα περιήγησης στο Web για να διαμορφώσετε το προϊόν. Περισσότερες πληροφορίες στο http://wiki.mikrotik.com