

Item no.: CCR2004-16G-2S+PC

## CCR2004-16G-2S+PC - Cloud Core Router, 16x Gigabit Ethernet ports, 2x 10G SFP+ cages

from **418,81 EUR**

Item no.: CCR2004-16G-2S+PC  
shipping weight: 1.70 kg  
Manufacturer: MikroTik



### Product Description

CCR2004-16G-2S+PC - Cloud Core Router, 16x Gigabit Ethernet ports, 2x 10G SFP+ cages

Like the other models in CCR2004 series, this CCR also features the Amazon Annapurna Labs Alpine v2 CPU with 4x 64-bit ARMv8-A Cortex-A57 cores. While this CPU is running at 1.2 GHz, the router can be 3x as fast than the previous generation CCR's. This is the silent powerhouse. Enjoy all the power of a real CCR in peace and quiet. Get rid of all the hum and buzz in your office, studio, server room or homelab without sacrificing the performance!

The new router has 18 wired ports, including 16x Gigabit Ethernet ports and two 10G SFP+ cages. It also has a RJ-45 console port on the front panel.

Each group of 8 Gigabit Ethernet ports is connected to a separate Marvell Amethyst family switch chip. Each switch chip has a 10 Gbps full-duplex line connected to the CPU. The same goes for each SFP+ cage - a separate 10 Gbps full-duplex line. Boards come with 4 GB of DDR4 RAM and 128 MB of NAND storage.

So as you can see - no bottlenecks. As long as the CPU can handle the processing, all ports can reach wire speed. And this CPU is a beast that can handle a lot. If we look at the performance, you can see that it is trading blows with the CCR1009.

The best part? This brand new CCR is among the most affordable options out there - not only within the CCR series, but on the market in general. One of the most common ways to use this device would be: Gigabit Ethernet ports for the internal network; SFP+ ports for downlink and uplink. The perfect all-in-one solution for small and medium-sized businesses. Easy and efficient.

With the new CCR2004, you can take your office network to the next level. Without breaking the bank.

Included parts

- 48 V 0.95 A power adapter
- Rackmount bracket
- Fastening set

Specifications

- Product code: CCR2004-16G-2S+PC
- CPU: AL32400 1.2 GHz
- CPU architecture: ARM 64bit
- CPU core count: 4
- Size of RAM: 4 GB
- RAM type: DDR4
- Storage: 128 MB, NAND
- Number of 1G Ethernet ports: 16
- Number of 10G SFP+ ports: 2
- Operating system: RouterOS v7, License level 6
- Switch chip model: 88E6191X
- Number of Gbit ports per switch (there are two switch-chips): 8
- Dimensions: 272 x 195 x 44 mm
- Operating temperature: -20°C to +60°C

Powering

- Number of DC inputs: 2
- Supported input voltage: 36-57 V (DC jack), 36-57 (2-pin terminal)
- Power adapter nominal voltage: 48 V
- Power adapter nominal current: 0.9 A
- Max. power consumption (without attachments): 30 W
- Max. power consumption: 36 W

#### Certification & Approvals

- Certification: CE, FCC, IC

#### Specifications

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