

# Mikrotik CCR2004-16G-2S+PC wired router

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<b>Artikel</b>	229884
<b>Herstellernummer</b>	CCR2004-16G-2S+PC
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Mikrotik	



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 4GB of DDR4 RAM and 128MB 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 our 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.

## Zusammenfassung

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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!

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Mikrotik CCR2004-16G-2S+PC, Fast Ethernet, White

Mikrotik CCR2004-16G-2S+PC. Ethernet interface type: Fast Ethernet. Flash memory: 128 MB, Internal memory: 4 MB, Mean time between failures (MTBF): 200000 h. Product colour: White. Power consumption (typical): 36 W. Width: 272 mm, Depth: 195 mm, Height: 44 mm

## Merkmale

### Design

Product colour White

### Network

Ethernet interface type Fast Ethernet

### Operational conditions

Operating temperature (T-T) -20 - 60 °C

### Power

Power consumption (typical) 36 W

### Ports & interfaces

Ethernet LAN (RJ-45) ports 16  
SFP+ module slots quantity 2

### Features

Flash memory 128 MB  
Internal memory 4 MB  
Mean time between failures (MTBF) 200000 h

### Weight & dimensions

Width 272 mm  
Depth 195 mm  
Height 44 mm

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.