

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

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

from **396,69 EUR**

Item no.: CCR2004-16G-2S+  
shipping weight: 1.60 kg  
Manufacturer: MikroTik



### Product Description

MikroTik CCR2004-16G-2S+ - Cloud Core Router, 16x Gigabit Ethernet Ports, 2x 10G SFP+ Cages Like the other models in the CCR2004 series, this CCR features the Annapurna Labs Alpine v2 CPU with 4x 64-bit ARMv8-A Cortex-A57 cores running at 1.7 GHz. But here's the difference: this powerful router beats all previous CCR models in single-core performance, and that's the most important aspect when it comes to high-performance operations based on per-connection processing. And that's not all! It also has the best single-core performance per watt and the best overall performance per watt among all CCR devices. Better for the planet, better for the spend, it's a win-win! The new router has 18x wired ports, including 16x Gigabit Ethernet ports and two 10G SFP+ cages. It also has a full-size USB and RJ-45 console port on the front. Like all CCR devices, it comes in a classic white 1U rackmount chassis. Integrated dual redundant power supplies are included so you have one less thing to worry about. And of course there is active cooling. Each group of 8x Gigabit Ethernet ports is connected to a separate Marvell Amethyst family switch chip. Each switch chip has a 10 Gbit/s full duplex line connected to the CPU. The same applies to each SFP+ cage - a separate 10 Gbit/s full duplex line. The boards are equipped with 4 GB DDR4 RAM and 128 MB NAND memory. As you can see, there are no bottlenecks. As long as the CPU can handle the processing, all ports can reach Wirespeed. And this CPU is a beast that can take a lot. If we look at the performance, you can see that it can keep up with MikroTik's CCR1009 and even outperform it in CPU-heavy configurations! And as if that wasn't enough - it can even match the performance of the CCR1016. The best part? This brand new CCR is one of the most affordable options on the market - not just within the CCR series, but on the market in general. One of the most common uses of 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. Simple and efficient. - Product code: CCR2004-16G-2S+ - CPU: AL32400 1.7 GHz - CPU architecture: ARM 64-bit - CPU core count: 4 - Memory size: 4 GB - RAM type: DDR4 - Memory: 128 MB, NAND - Number of 1G Ethernet ports: 16 - Number of 10G SFP+ ports: 2 - USB port: 1 (3.0 Type A) - Operating system: RouterOS v7 only - Switch chip model: 88E6191X, 88E619X - Dimensions: 443 x 210 x 44 mm - Operating temperature: -20°C to +60°C Power supply - Number of AC inputs: 2 - AC input range: 100-240 V - Max. Power consumption (without extensions): 35 W - Max. Power consumption: 48 W Certification & approvals - Certifications: CE, FCC, IC Included parts - 2x power cable - Rackmount bracket white - Mounting kit

### Specifications

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All details, up-to-date  
prices and availability

