

**Mikrotik Cloud
Core Router
CCR2116-12G-
4S+, 16-CORE 2
GHZ ARM CPU,
16 GB DDR4
RAM, 4x10G
SFP+ ports,
13xGigabit LAN
ports, 1x RJ45
Serial port, 1x
M.2 slots, 16
core CPU, 16 GB
RAM, Dual
redundant
power supply,
RouterOS L6
MikroTik Cloud
Core Router
CCR2116-12G-**

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4S+ Ethernet LAN (RJ-45) ports 13 12 month(s)



Model: CCR2116-12G-4S+

Manufacturer: MIKROTIK

EAN: 4752224007919

Product Code: 512281

R17,684

Gross depth (mm): 277 | Gross height (mm): 68 | Gross weight: 2.86 | Gross width (mm): 488 | Net weight: 2.459 | Packing quantity: 1.00 | Paper/Pasteboard: 361.00 | Plastic (No PET): 40.00 | Tare weight (kg): 0.40 | Volume (m3): 0.009191968 | Embeeded battery: No | WEEE tax: Yes | WEE classification: CL109:6:2017-04-01 | Other features: We wanted to see the full potential of the good, old, reliable 10G networking combined with a modern CPU. CCR2116-12G-4S+ allows you to forget about CPU limitations in your setup. Like its younger brother – the amazing CCR2004, this router features the mighty Amazon Annapurna Labs Alpine CPU. But with 16 cores running at 2 GHz, this CCR eats the other one for breakfast. For example, we see at least a 15% increase in single-core performance. And that is the most important aspect when it comes to heavy operations based on per-connection processing. Like queues, for example. CCR2116-12G-4S+ sets a new standard of single-core performance in the whole CCR product family! And it supports Layer 3 Hardware Offloading! Obviously, you need the right connectivity to harness this power. There are four 10G SFP+ ports. They have a separate, full-duplex line connected to the Marvell Aldrin family switch chip. Then we have Gigabit Ethernet ports. 12 of them are running through the Marvel chip. And there is another Gigabit port connected directly to the CPU. For management purposes. Each group of 4 ports has a separate full-duplex connection to the switch chip. No bottlenecks here. You can expect switch-like throughput in most setups. The new generation of processors offers mind-blowing —

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performance. If we look at the CCR1036 - the powerhouse with a 36 core CPU, the new CCR2116 can easily double the performance. 16 cores vs 36 cores. Double the performance. Or even more. If you are a rather large ISP, dealing with dynamic routing, massive BGPs, complex firewall rules, and intricate quality of service configurations..This is the right device for you. Combination of raw power and utility with the reliable 10G networking. And yes, like with any ISP-level device, we've included a dual-redundant power supply. So you have one less thing to worry about. CCR2116-12G-4S+: technology tested by time, built for the future. | Processor model: AL73400 | CPU frequency: 2000 MHz | Ethernet LAN (RJ-45) ports: 13 | Software type: RouterOS (v7 only) | Power consumption (max): 72 | Storage capacity: 128 | Operating temperature (T-T): -20°C to 60°C | SFP+ ports quantity: 4 | Warranty: 12 | Producer product name: CCR2116-12G-4S+ | Producer product family: Cloud Core Router | Palette Qty: 94 | Producer: MikroTik

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