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MikroTik CCR2116-12G-4S+ | Router | 13x RJ45 1000Mb/s, 4x SFP+

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link to the product:
https://www.batna24.com/gb/p/routers/mikrotik-ccr2116-12g-4s-router-13x-rj45-1000mb-s-4x-sfp

Price: **3,396.18 zł** gross / 2,761.12 zł net

MIKROTIK MASTER DISTRIBUTOR

Manufacturer: MIKROTIK

Referention number: DNXGGIPKDRMLOQ

Information:

MikroTik CCR2116-12G-4S+ is an exceptionally powerful CCR-class router, designed for demanding network applications. Equipped with a 16-core Amazon Annapurna Labs Alpine 2 GHz processor, it offers noticeably higher single-thread performance, which translates into better handling of heavy operations related to connection processing. The device provides 4 10G SFP+ ports and 12 Gigabit Ethernet ports, while an additional gigabit port is used for management. Thanks to separate full-duplex lines for port groups, the router offers high throughput and stable operation. This is a new generation of power that can even double the performance of older CCR models.

Product features

Mean time between failures (MTBF)	200000 h
Compliance certificates	CE
Power consumption (typical)	72 W
Ethernet LAN (RJ-45) ports	13
Operating temperature (T-T)	-20 to 60 °C
Ethernet interface type	Gigabit Ethernet
Processor frequency	2000 MHz
Temperature monitoring	Yes
Installed SFP+ modules quantity	4
AC input voltage	100 V
SIM card slot	No
Built-in processor	Yes
Product colour	White
Internal memory type	DDR4
Ethernet WAN	Yes

DSL WAN	No

Full product description

MikroTik CCR2116-12G-4S : Twice the performance

The**CCR2116-12G-4S** lets you forget about CPU limitations in your setup. Like its little brother, the amazing CCR2004, this router features the powerful **Amazon Annapurna Labs Alpine** processor **.**
16 cores running at 2 GHz. Relative to its predecessor a noticeable 15% increase in single core performance. And this is the most important aspect when it comes to heavy operations based on connection processing.
The**CCR2116-12G-4S** sets a new standard for single-core performance across the CCR product family.

If you want to harness this power, you need the right connectivity. There are **four 10G SFP ports** in the device **. These have a separate full-duplex line connected to** a Marvell Aldrin family **switch chip**. Then we have the Gigabit Ethernet ports. 12 of them are supported by the Marvel chip. **Another Gigabit port is connected directly to the processor.** For management purposes.

Each group of 4 ports has a separate full-duplex connection to the switch chip. In most configurations, you can expect throughput close to that of the switch. The new generation of processors offers incredible performance. If we look at the CCR1036, a powerhouse with a 36-core processor, the new **CCR2116** can easily double its performance. 16 cores vs 36 cores. Double the performance. Or even more.