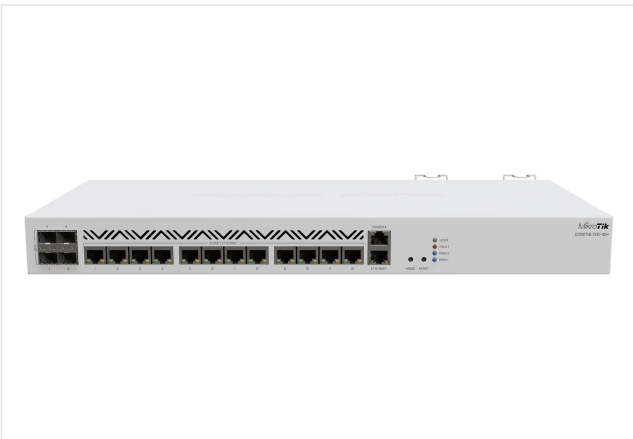
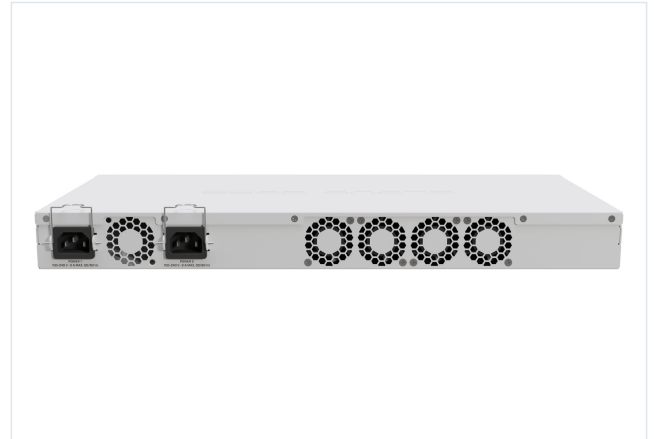


MT-RBCCR2116-12G-4S+

MikroTik CCR2116 4x 10G SFP+ & 13x 1G Ethernet & 1x M.2 slot switch

Product Overview

MikroTik CCR2116 4x 10G SFP+ & 13x 1g Ethernet & 1x M.2 slot Switch, CCR2116-12g-4s, 16 Core CPU, RouterOS license L6, RouterOS Operating System, 16GB RAM, 128 MB storage size, 2 AC inputs, 13x 10/100/1000 Ethernet Ports, 4x SFP+ Ports, RJ45 Serial Console Port, 1x M.2 slots



Specifications

Features:

CCR2116-12G-4S+

Forget about CPU limitations in 10G setups with this powerful 16-core ARM CPU based CCR. Double the performance of our previous 36- core CCR, 6x faster BGP performance. Includes an M.2 PCIe slot.

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

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Product Specification Sheet

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 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, weve included a dual-redundant power supply. So you have one less thing to worry about.

Specifications:

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Specifications

Product Code	MT-RBCCR2116-12G-4S+
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Specifications

Product code	CCR2116-12G-4S+
Architecture	ARM 64bit
CPU	AL73400
CPU core count	16
CPU nominal frequency	2000 MHz
RouterOS license	6
Operating System	RouterOS (v7 only)
Size of RAM	16 GB
Storage size	128 MB
Storage type	NAND
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-20 degreesC to 60 degreesC

Powering

Number of AC inputs	2
AC input range	100-240
Max power consumption	72 W
Max power consumption without attachments	60 W

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Product Specification Sheet

FAN count	4
Ethernet	
10/100/1000 Ethernet ports	13
Fiber	
SFP+ ports	4
Peripherals	
Serial console port	RJ45
Number of M.2 slots	1
Other	
CPU temperature monitor	Yes
PCB temperature monitor	Yes
Mode button	Yes
Certification & Approvals	
Certification	CE, EAC, ROHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/MT-RBCCR2116-12G-4S-MikroTik-CCR2116-4x-10G-SFP-13x-Buy-p-262153.php>

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