

MikroTik CCR2216-1G-12XS-2XQ | Router | 12x SFP28, 2x QSFP28, 1x RJ45 1000Mb/s, 2x M.2 SATA



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link to the product:

<https://www.batna24.com/gb/p/routers/mikrotik-ccr2216-1g-12xs-2xq-router-12x-sfp28-2x-qsf28-1x-rj45-1000mb-s-2x-m2-sata>

Price: **9,519.13 zł** gross / 7,739.13 zł net



Manufacturer: MIKROTIK

Referention number: DNXGGIQOLRMNGH

Information:

MikroTik CCR2216-1G-12XS-2XQ is a high-performance 14-port router designed for 100 Gb/s networks, ideal as an upgrade from the CCR1072. Equipped with a 16-core AL73400 2 GHz processor and L3HW hardware offloading, it delivers very high routing performance with lower CPU load. It offers 12 25 Gb/s SFP28 ports, 2 100 Gb/s QSFP28 ports and 1 Gigabit Ethernet port. It has 16 GB RAM, 128 MB of NAND memory, 2 M.2 SATA slots, 4 fans and two redundant, hot-swappable power supplies. It enables convenient network expansion while maintaining compatibility with existing modules and power supplies.

Product features

Regulatory Approvals	CE, EAC, ROHS
Height	44 mm
Width	443 mm
Depth	367 mm
Rack mounting	Yes
Ethernet LAN (RJ-45) ports	1
Operating temperature (T-T)	-20 to 60 °C
Rack capacity	1U
Ethernet interface type	Gigabit Ethernet
Processor frequency	2000 MHz
Web-based management	Yes
Operating system installed	RouterOS
Internal memory	16000 MB
Internal memory	0.128 GB
SFP28 ports quantity	12

AC input voltage	100 V
SIM card slot	No
Processor model	Alpine AL73400
Power source type	AC
Built-in processor	Yes
Product colour	Silver
3G/4G USB modem compatibility	No

Full product description

High performance router CCR2216-1G-12XS-2XQ

The **CCR2216-1G-12XS-2XQ** is a powerful 14-port router for 100 gigabit networks with hardware L3 offload. It is an ideal upgrade for **CCR1072** users. You can still use your SFP modules and power supplies when upgrading your network to faster speeds.



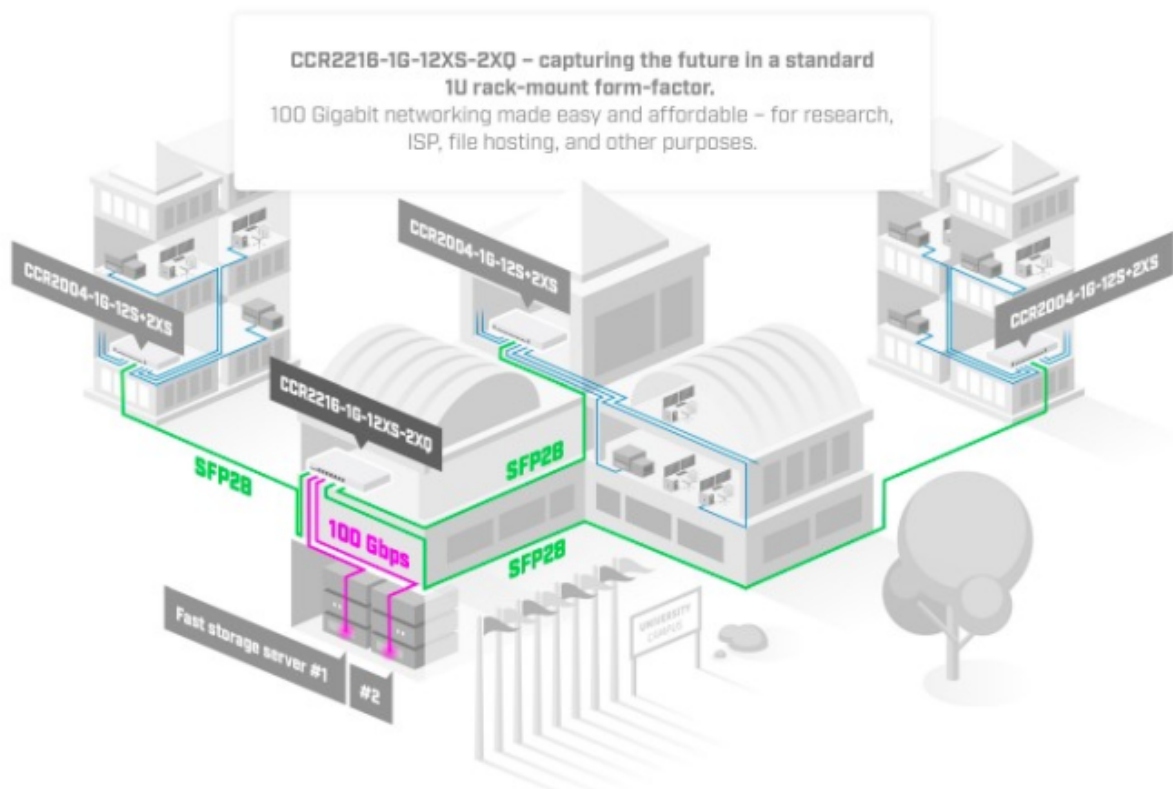
16-core AL73400 processor

MikroTik's **CCR2216-1G-12XS-2XQ** router is based on a 16-core AL73400 processor at 2 GHz, which can match the 72-core Tile processor from its previous flagship, the CCR1072, thanks to the L3HW.



25 Gbps and 100 Gbps ports

The router has **2 QSFP28 ports** for 100Gbps connections, **12 SFP28 ports** for 25Gbps network connections and **one Gigabit Ethernet** port. The device features 16GB of RAM, 128MB of NAND memory and two M.2 SATA slots for additional memory. The **CCR2216-1G-12XS-2XQ** also has four fans and two redundant, hot-swappable power supplies. The power supplies are the same as those used in the CCR1072.



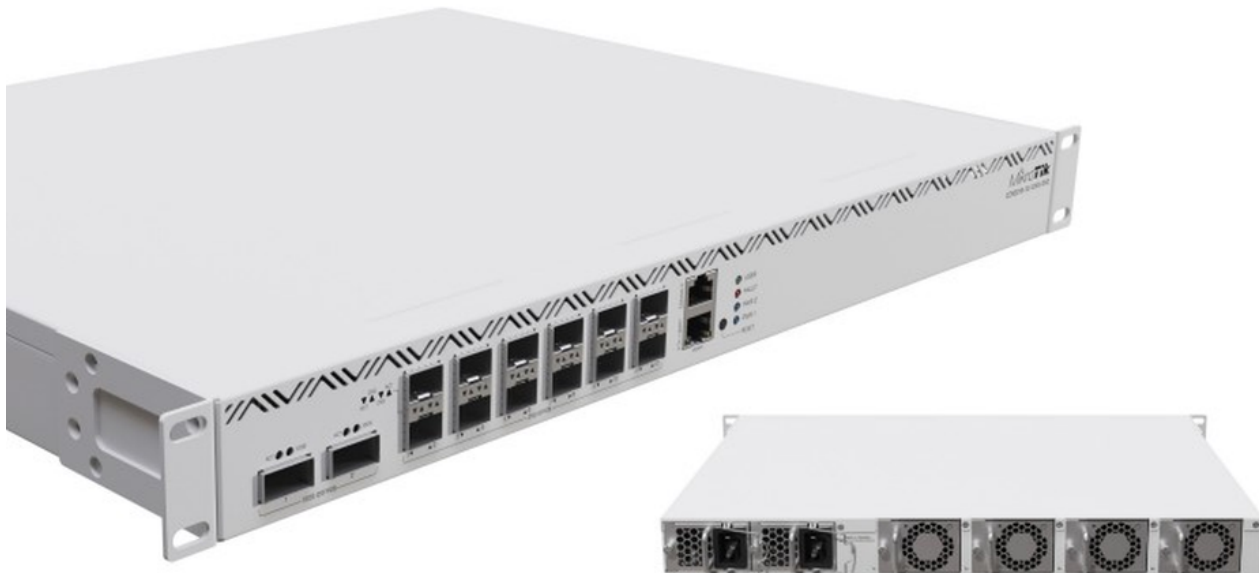
L3 Hardware Offloading

L3HW hardware offloading, also known as IP switching or hardware routing, allows some router functions to be moved to the switch chip. This allows for speeds in packet routing that simply would not be possible with a processor.



Marvell Prestera Aldrin2

Marvell Prestera 's unique **Aldrin2** switch chip really takes **the CCR2216-1G-12XS-2XQ** to the next level with L3 hardware offload. The previous CCR2116 had a switch chip with four lines connecting a 10G processor, while the new model has four 25G lines.



Key features

- AL73400 processor
- 16 GB of DDR4 RAM
- 12 SFP28 slots (25 Gbps)
- 2 QSFP28 (100 Gbps) slots
- 1 gigabit Ethernet port (10/100/1000 Mbps)
- 2 M.2 SATA slots