MIKROTIK

CRS418-8P-8G-2S+5axQ2axQ-RM

You wanted a switch that could do more. So we built one that does everything.
Now — with our strongest 4x4 MIMO Wi-Fi 6!

~3x more CPU processing power than a CRS320 or CRS328... and for a better price!

Sufficient processing power for routing!

4x4 MIMO

L3 HW Offloading

Mighty Quad-core 2.2 GHz ARM CPU

Dual-redundant power supplies

1 GB RAM

USB 3

Dual-band Wi-Fi 6

16x Gigabit Ethernet ports
+ Gigabit management port with a direct CPU connection

2x 10G SFP+ ports

PoE-out

Why settle for just a simple switch when you can have **PoE-out, high-speed fiber uplinks**, USB storage compatibility, advanced network control/monitoring, and enough processing power even for some routing or L3 HW offloading... in a single 1U device and for the best price on the market?

The **CRS418-8P-8G-2S+RM** combines **16 Gigabit Ethernet ports** (eight of them with PoE-out!), two **10G SFP+ cages, USB 3 connectivity**, and a **powerful quad-core 2.2 GHz CPU** in a clean, durable rackmount enclosure. Also, there's a Gigabit management port with a direct CPU line.

This is a serious upgrade for anyone looking to replace a jungle of devices with one smart multitasker — built for real routing workloads, high-bandwidth uplinks, and clean cable management. Whether you're powering up access points and CCTV cameras, running a fast NAS with a bunch of modern workstations, or managing the routing in your mid-sized office, CRS418 handles it all with ease — and on a budget!

CRS418 vs
CRS320-8P-8B-4S+RM/
CRS328-24P-4S+RM =

3x
the CPU performance!

Check out our YouTube and TikTube videos for this product!

Wi-Fi where it matters

The all-in-one switch/routing champion also delivers **4×4 MIMO dual-band Wi-Fi 6** — for fast, reliable connectivity wherever you need it. The perfect solution to simplify basement server room setups or medium-sized offices on a tight budget — now you don't need to carry a separate access point!

We know rackmounts are not famous for great wireless coverage. That's why the CRS418 Wi-Fi edition includes dedicated holes in the back for pigtails, so you can place antennas outside the case if needed.

Why CRS418?

It is perfect for hybrid Layer 2/3 environments –
whether you're segmenting your network with VLANs or routing between them. Here's why:

Powerful enough to replace most small/medium office routers
Thanks to its 2.2 GHz **quad-core ARM CPU**, L3 hardware offloading, and **RouterOS v7**, you can use it as an **internet gateway**, firewall, and even a **CAPsMAN** controller.

8x PoE-out ports (802.3af/at and 24V Passive PoE-out)
Power your devices directly from the switch with up to **150 W total output**.

17 Gigabit Ethernet ports
Organize all your gear with a mix of PoE and standard Gigabit ports in one rack-mountable unit. Having a nice, clean server room is easy – if you have the right tools.

2x 10G SFP+ cages
Connect to media servers, fast ISP fiber networks, core switches, or high-speed storage.

1U rackmount case with redundant power inputs
Space-saving and secure with dual AC inputs for extra peace of mind.

USB 3 for extra storage or configuration tools
Perfect for backups, logs, databases, or pushing large files around your organization.

RouterOS v7
Use all the advanced switching and routing features MikroTik is known for. No subscriptions, no paywalls, the only limit is your imagination. VLANs, ACLs, SNMP, advanced monitoring & traffic shaping, and so much more!

CRS418-8P-8G-2S+5axQ2axQ-RM is more than a switch.
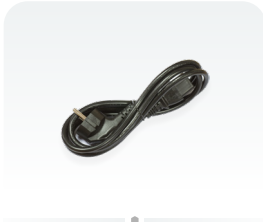It's a real multi-tasking champion that keeps your network lean and your server room clean.

• Specifications

Product code	CRS418-8P-8G-2S+5axQ2axQ-RM	
CPU	Quad-Core IPQ-8072A 2208 MHz	
CPU architecture	ARM 64bit	
RAM	1 GB, DDR3	
Storage	128 MB, NAND	
Number of 1G Ethernet ports	17	
Number of 10G SFP+ ports	2	
USB ports	1 USB 3.0 type A	
Wireless	2.4 GHz	5 GHz
Wireless protocol	802.11b/g/n/ax	802.11a/n/ac/ax
Wireless interface model	QCN-5024	QCN-5054
Antenna gain	5 dBi	6 dBi
Number of chains	4	4
Switch chip model	98DX226S	
Dimensions	44 x 250 x 443 mm (With antennas 210 x 250 x 443 mm)	
Operating system	RouterOS v7, License level 5	
Operating temparature	-20°C to +70°C	

● Powering

Number of AC inputs	2
AC input range	100-240 V
PoE-Out	802.3af/at
PoE-Out ports	Ether9 - Ether16
Max out per port output (input < 30 V)	1.1 A
Max out per port output (input > 30 V)	0.56 A
Total output power	150 W
Max power consumption (without attachments)	43 W
Max power consumption	227 W

● Included parts

Power cord

Fastening set