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

\$ 449

PDF



You wanted a switch that could do more. So we built one that does everything.

~3x

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



Sufficient processing power for routing!



L3 HW Offloading



Mighty Quad-core 2.2 GHz
ARM CPU



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



Dual-redundant
power supplies



USB 3



PoE-out



1 GB RAM



2x 10G SFP+ ports

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.

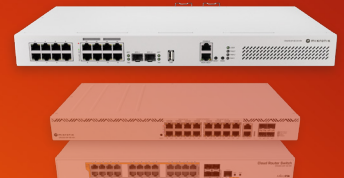
This is a serious upgrade for anyone looking to replace a jungle of devices with one smart multitasker – built for real routing workloads, high-bandwidth uplinks, and clean cable management. Whether you're powering up access points and CCTV cameras, running a fast NAS with a bunch of modern workstations, 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!



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+RM is more than a switch.

It's a real multi-tasking champion that keeps your network lean and your server room clean.



Significantly improved Wi-Fi 6 Performance with RouterOS v7.19.3 (stable)

If you've been waiting for a sign to explore MikroTik's Wi-Fi 6 solutions - this is it. With RouterOS v7.19.3, we've introduced significant improvements to 802.11ax (Wi-Fi 6) device performance. This update enhances range, stability, and overall wireless experience, making it the best time yet to deploy Wi-Fi 6 in your home, office, or enterprise setup.

We're continuously working to improve AX performance across all supported MikroTik devices, and this update is a major step forward. Whether you're using a single AP or building a complex multi-device setup, you'll notice the difference. But there's more to this update: from enhanced IPv6 FastPath support to hardened RADIUS (RadSec) and smarter LTE/eSIM handling, the system is now more robust under real-world stress.

For best results and security, always use the [latest stable RouterOS version](#). Version 7.19.3 is currently our recommended release for anyone using Wi-Fi 6 hardware.

#UserStories

“My RDS2216 Use-Case: University Cybersecurity Training”

Hello MikroTik team,

I am a computer science instructor at a university, and I use the ROSE Data Server (RDS2216) for my cybersecurity courses.

The RDS2216 allows me to quickly deploy and manage multiple containerized environments for students to practice Capture The Flag (CTF) challenges. With its high performance and reliability, I can easily provide isolated and secure labs for dozens of students at the same time.

It has greatly simplified the process of setting up complex training environments, making hands-on learning much more effective.

Thank you for creating such a flexible and powerful solution!

*Best regards,
Tom.*



If you also have an RDS2216 use-case you're willing to show the world, send a photo or a video with a short description to marketing@mikrotik.com – and we'll send you a €20 MikroTik merch coupon as a thank you. From enterprise cloud hosting to database clusters or encrypted storage – your real-world applications help us inspire others.



Spotted in the Wild

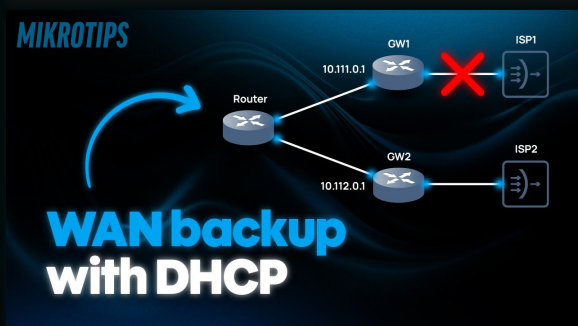
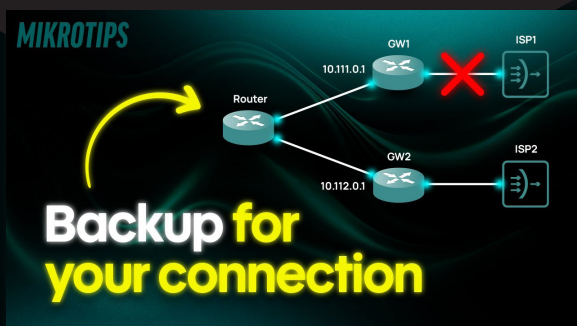
Have some fun in the MikroTik Lounge!



Check out this video on TikTube!



New #MikroTips and other news



[HERE YOU CAN DOWNLOAD ALL THE VISUALS USED IN THIS NEWSLETTER](#)