

In this newsletter
read about

• CRS812 DDQ • CRS418-8P-8G-2S+5axQ2axQ-RM • GPERx6 • SSD-U2-7-1TB • TECHRITORY
• CEATEC • ServeTheHome in Latvia • #UserStories • TTT • Latest merch • Back to Home • New videos

CRS812 DDQ

\$ 1,295

PDF



400 Gigabit networking without the price shock!



1G/10G
ETHERNET PORTS



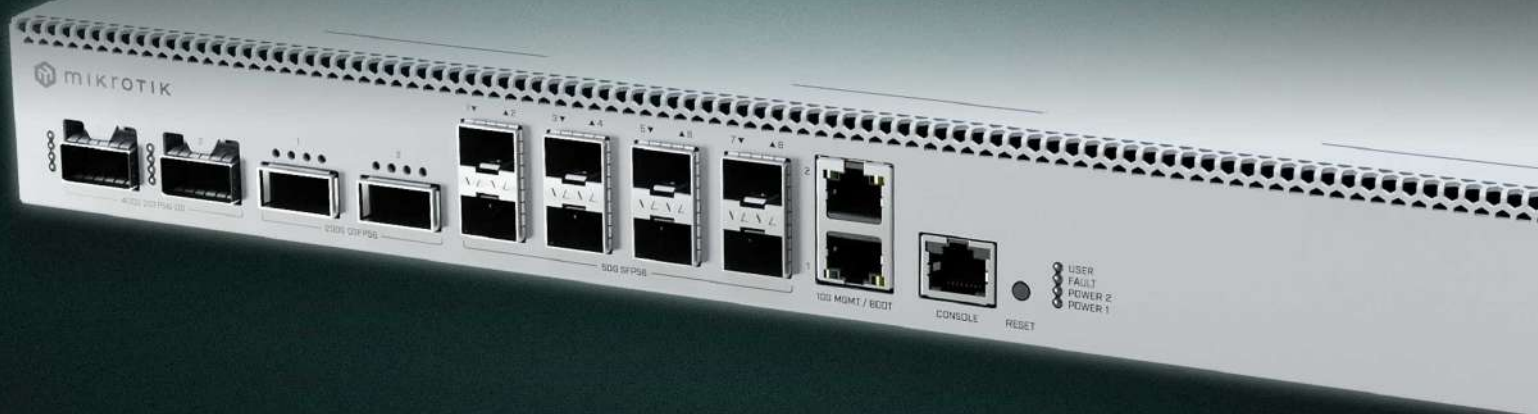
50G SFP56
PORTS



200G QSFP56
PORTS



400G QSFP56-DD
PORTS



The CRS812 DDQ is your next leap forward – a powerful, efficient, and cost-effective way to bring 50G, 200G, and 400G into your rack.



4 GB of RAM



Quad-core
2 GHz ARM CPU



Dual-redundant
hot-swap power
supplies



4x hot-swap
cooling fans



RouterOS v7



400G used to mean expensive, complex, and out of reach.

The **CRS812 DDQ** changes that!

With a modern Marvell switch chip and powerful ARM CPU, it delivers advanced routing, switching, and traffic management features trusted in millions of RouterOS deployments – now with ports up to 400 Gbps!

Where does it fit?

- Top-of-rack / leaf switch with 400G uplinks to the spine
- **Campus core** bridging 10G legacy with modern 50G interfaces
- **Service provider aggregation** node
- **Labs, AI clusters, media workflows** where fast “east-west” traffic is critical

The CRS812 scales your network from 10 to 400G in one simple, affordable, yet managed RouterOS v7 box – no forklift upgrades needed!



2x 1G/10G
Ethernet ports



8x 50G
SFP56 ports



2x 200G
QSFP56



2x 400G
QSFP56-DD ports

CRS812 interface speed support:

2x 10M/100M/1G/10G Ethernet ports
8x 1G/2.5G/5G/10G/25G/50G SFP56 ports
2x 40G/50G/100G/200G QSFP56 ports
2x 40G/50G/100G/200G/400G QSFP-DD ports

* QSFP56/QSFP-DD ports also support break-out modes to 1G/2.5G/5G/10G/25G/50G



Check out our YouTube and TikTube videos for this product!



Accessories

Alongside CRS812, we're introducing a set of ready-to-go 400G accessories:



DDQ+DA0001
400G DAC, 1 m



DDQ+DA00031
400G DAC, 3 m



DDQ+85MP01D
400G 100 m optical transceiver

With CRS812, 400 Gigabits is no longer out of reach – it's an affordable way to launch your network into the future, while keeping your existing gear in the loop!



DDQ+DA0001

400G DAC, 1 m

- Ideal for rack-to-rack or top-of-rack connections.
- Integrated QSFP-DD modules – just plug it in.
- Compact 1 m length for tidy server rooms.



\$ 79

PDF



DDQ+DA0003

400G DAC, 3 m

- Flexible reach for connecting across racks.
- Same simple plug-and-play setup as the 1 m cable.



\$ 109

PDF



DDQ+85MP01D

400G module, up to 100 m

- QSFP-DD optical module for reliable 400G fiber connections.
- Perfect for distances beyond DAC reach.



\$ 159

PDF



The module includes built-in digital diagnostics for optical power, voltage, temperature, laser bias current, and other key parameters. These functions help detect abnormal activity or when customizable operating limits are exceeded. Monitoring makes it easier to plan ahead, make informed decisions, and schedule upgrades or maintenance based on real performance data.

G1251-0250WNA

Replacement 250W hot-swap power supply for the CRS812 DDQ. 12Vdc, 20.8A 250W. You can replace them on the go to ensure zero downtime, no need to restart the switch.



\$ 79

PDF



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

\$ 499

PDF



You wanted a switch that could do more.

So we built one that does everything. Now – with our strongest 4x4 MIMO Wi-Fi 6!



Mighty Quad-core
2.2 GHz ARM CPU



Dual-redundant
power supplies



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



USB 3

4x4
MIMO

4x4 MIMO



L3 HW
Offloading



Dual-band
Wi-Fi 6



2x 10G
SFP+ ports



1 GB RAM



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!

Sufficient processing power for routing!



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.

TN19-0250-55

Replacement open-frame power supply for the CRS418 series.
55Vdc, 4.5A, 250W.



\$ 69

PDF



GPERx6

\$ 139

PDF



Cut the cable clutter – extend power and fiber together, anywhere – with a single hybrid cable. At the far end, the GPERx6 splits it all neatly: SFP+ for further long-distance uplinks, PoE-out for other switches or access points, and DC outputs for IoT gear or specialized devices.



3x Gigabit Ethernet



Heavy-duty IP66 enclosure



Flexible powering
PoE-in, 2x PoE-out, DC Jack, 3x DC-out



A dedicated 10G switch chip



3x 10G SFP+

Built for the toughest deployments

The outdoors can be brutal: blistering heat, freezing cold, wind, rain. The elements attack your gear. The wiring is a nightmare. The GPERx6 **solves both problems** – a rugged, outdoor-ready switch that cuts cable clutter and keeps deployments simple.

On the surface, it's straightforward:

- 3 Gigabit Ethernet ports with PoE-in (#1) and PoE-out (#2 & #3)
- 3x 10G SFP+ cages for long-distance fiber
- 3 DC outputs for devices that don't use PoE, for example, IoT setups
- Heavy-duty IP66 enclosure with handy mounting hardware
- A dedicated 10G switch chip (tested in ISP favorites like the netPower Lite 7R)

But the real advantage is how it allows you to manage power and data over long distances (1-2 km) even in the trickiest scenarios!



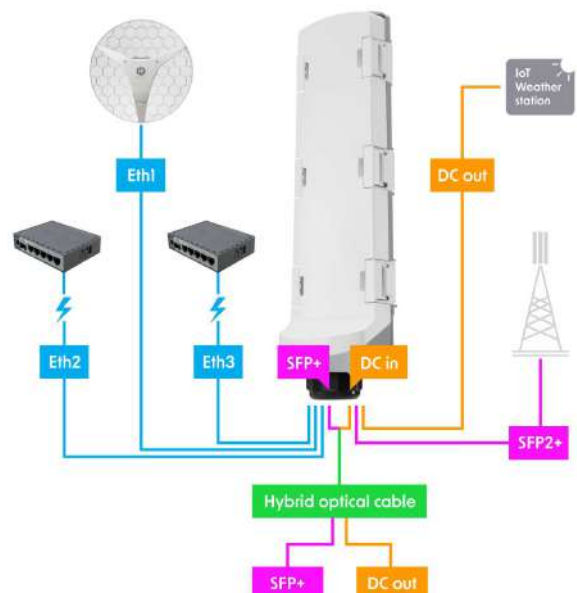
Check out our YouTube and TikTube videos for this product!



Hybrid cable advantage

With hybrid fiber + copper cables, the GPERx6 becomes a power-and-data lifeline:

- Fiber strands carry your high-speed uplink.
- Copper conductors deliver DC power.
- At the far end, the GPERx6 splits it all:
 - SFP+ uplinks for data.
 - PoE-out for cameras or access points.
 - DC-out for IoT devices or special hardware.



SSD-U2-7-1TB

\$ 219

PDF



We hear you – finding the right 7mm U.2 NVMe drives can sometimes be a hassle. That's why we're making it easier: MikroTik now offers the SSD-U2-7-1TB as a ready option for the RDS2216 ROSE Data Server. Fully tested and compatible!



- **Form factor:** U.2 2.5", 7mm
- **Capacity:** 1 TB (usable ~896 GB after standard system overhead)
- **Interface:** PCIe Gen4x4 NVMe
- **Compatibility:** Tested with MikroTik ROSE Data Server



MEET MIKROTIK AT TECHRITORY

RIGA,
OCTOBER 22-23

Techritory returns to Riga – the city where it all began, a lovely Northern capital with a rich history, breathtaking architecture, and so many business opportunities!

We'll be showcasing our newest, never-before-seen products – the fastest and most innovative solutions we've ever built. You'll also get the chance to meet senior MikroTik staff and the minds behind the technology – the people who imagine it, design it, and make it real.

[Find out more](#)



MikroTik at CEATEC Japan 2025



October 14–17, 2025



Makuhari Messe, Japan

We are excited to announce that LIAA, on behalf of MikroTik, will participate in CEATEC Japan 2025 – one of Asia's largest platforms for cutting-edge technology and innovation.

Visitors will have the opportunity to see the latest MikroTik products and exclusive previews that showcase how our solutions empower networks across industries, from hobbyist setups to enterprise-grade infrastructures.

For more details, visit the official CEATEC page.

[Visit CEATEC](#)



Here's a MikroTik introduction for the CEATEC newcomers!
If you are visiting the event, feel free to stop by Hall 4, Booth 4H313, where a couple of our products will be displayed alongside expositions from other Latvian companies.

ServeTheHome: Touring MikroTik in Latvia to See How they Make Awesome Networking Gear



"I hope you all enjoyed this look at MikroTik. Over the past two months, I have been very excited to share this with our readers. It has given me a different appreciation of the company and its products."

Also, while I was there, I got to see some really neat next-generation products. If you think MikroTik is stopping at 100GbE, or with the Annapurna Labs AWS Graviton 1-based RDS servers, you have something else coming."



#UserStories

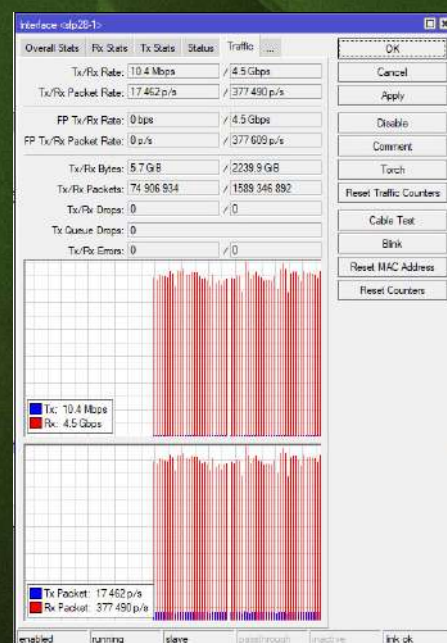
“My RDS2216 Use-Case: Veeam Backup, x5 faster!”

“We are using our RDS with 10 NVMe drives in a RAID 5 array (with one spare) as a backup target for a Veeam Backup server. With this setup, we are seeing sustained write speeds of 4.5Gbps which is 5x the speed of our previous data storage device. The CPU barely gets working at only 18%, and the boss couldn't be happier now that the backups complete before the staff show up for the workday.

Wonderful unit, we are actually considering buying a second one for our Disaster Recovery Site.”

/System analyst Gary/

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.





TRAIN THE TRAINER

November 26-28

Do you want to become a MikroTik certified trainer and conduct your own training courses? Then join our Train-the-Trainer course in Riga this autumn - we will teach you all there is! As always, we offer a discount code for your stay in the local Rixwell and Wellton hotels: *Mikrotik2025*

Video

Learn more

Check out the latest MikroTik Merch

— become the coolest cat in the server room!



Rocks glass
€8,50 EUR



Refreshing hand & body lotion
€8,50 EUR



Refreshing hand & body wash
€8,50 EUR



Spiral notebook
€10,00 EUR



MikroTik Back to Home - your own FREE VPN!

Free secure VPN access anywhere –unleash the power of your router!

Back To Home sets up your MikroTik device for secure VPN access to your home router and network... even if your router doesn't have a public IP or is behind a NAT or a Firewall!

More than a VPN: Quick & easy filesharing, avoiding content region locks, or adding a safety layer for truly anonymous browsing - BTH can do it all and even more!

[Learn more](#)



New #MikroTips and tricks!



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