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## Covid-19 update

Many businesses have moved to work remotely during the COVID-19 outbreak, millions of people are self-isolating at home and rely on their Internet connection to be able to work and receive vital information. We see many new end-users of our LTE products, since LTE is the best option for a lot of homes without a good connection. There is also an increased demand for powerful routers that can handle VPN tunneling - the cornerstone of safe remote work.



Photo: Nexstream

We have a big increase in orders and we are working hard to meet the demand. There is extra staff in the warehouses, our contract manufacturers in Europe and Asia are once again working at 100% capacity. Despite the huge influx of orders, our supply is steady and strong.

Regarding different MikroTik events - the situation has not changed, public safety measures around the world still require us all to be patient and stay home. We will keep you posted, but until then - stay safe!



### hAP ac<sup>3</sup> LTF6 kit

A wireless dual-band router with LTE support and 5 Gigabit Ethernet ports. The right choice for most homes!

Forget about endless searching for the perfect router and scrolling through an eternity of reviews and specifications! We have created a single affordable home access point that has all the features you might need for years to come.

#### The freedom of LTE

hAP ac<sup>3</sup> LTE6 kit features our newest **CAT6 LTE modem.** It enables carrier aggregation, allowing you to use the LTE connection with speed up to 300 Mbps. It works by using multiple LTE bands at the same time. A huge advantage when there are a lot of LTE users in the area. Depending on the service provider, we have seen Internet speed doubling after switching to CAT6.









## hAP ac<sup>3</sup> LTE6 kit – the new standard of home access points.

#### Function, form, versatility

With 5 Gigabit Ethernet ports, 256 MB of RAM and quad-core CPU, hAP ac<sup>3</sup> LTE6 kit can satisfy even the biggest and most demanding households. There is a full-size USB port that you can use to add extra storage. The new enclosure allows mounting the device vertically or horizontally. A wall mount set is also included.

#### Reliable connection for all your devices

Stop sharing the frequency with all your neighbors! Strong **dual-chain dual-band** 2.4/5 GHz wireless for concurrent coverage will solve most interference issues in a crowded environment. This is a must-have these days! You can use the 2.4 GHz channel for older devices and the 5 GHz channel for everything else, since this frequency is less cluttered.



#### CCR2004-1G-12S+2XS

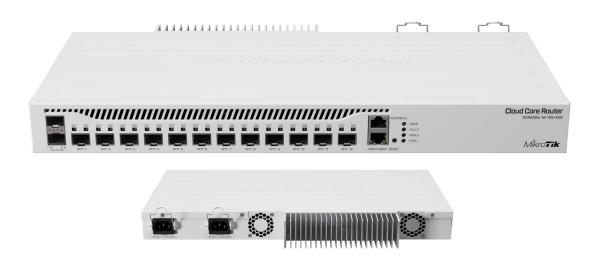
View online

The Connectivity Router - your best companion when it comes to SFP, SFP+ and SFP28 management! 1, 10 and 25 Gbps ports in a single device to make your life easier.



The "Improvise. Adapt. Overcome." mindset can be very helpful, but sometimes you simply need a device that works and solves the problem without additional tinkering. The CCR2004-1G-12S+2XS does just that – forget about all connectivity troubles and expand your setup in any way you please.

Connectivity? You got it! This handy router features 12 x 10G SFP+ and 2 x 25G SFP28 ports.



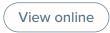
This is our router with the most powerful single-core performance so far. It provides incredible results in single tunnel (up to 3.4 Gbps) and BGP feed processing.

Be prepared for anything: 10G, 40G and now 25G! Paired with such MikroTik multiport products as CRS317-1G-16S+RM, CRS312-4C+8XG-RM and CRS326-24S+2Q+RM, your networking setup will know no bounds. Performance-wise, CCR2004-1G-12S+2XS is on par with the renowned CCR1009/CCR1016 routers. And with dual redundant power supply you can forget about unexpected downtime! With its elaborate port configuration, the new CCR2004-1G-12S+2XS is the perfect addition to any professional networking arsenal – it will save you tons of time in some tricky situations!



#### CRS326-24G-2S+IN

24 Gigabit ports, 2 SFP+ cages and a desktop case – server room power for your home!





A home network setup doesn't have to be a compromise. This compact and quiet switch is packing some serious server room grade features: a pair of 10G SFP+ cages, 512 MB of RAM, 24 Gigabit Ethernet ports and a sufficient built-in CPU that can handle basic home user needs such as firewall, NAT and even some VPN. And it is extremely affordable – we are keeping the price on par with the previous generation desktop switches!



With CRS326-24G-2S+IN your home network setup can reach a truly professional level!



Like many other MikroTik switches, CRS326-24G-2S+IN offers the dual boot option that allows you to use either the lightweight SwOS or the advanced RouterOS. The compact and quiet fanless desktop case makes this switch the perfect addition to the best home setups. And it is very easy to transport! **But make no mistake – this small switch has all the power and features of its bigger rackmount analogue – the CRS326-24G-2S+RM, nothing has been removed!** 

CRS326-24G-2S+IN provides all the basic functionality for a managed switch, and even more: port-to-port forwarding, MAC filtering, VLAN configuration, traffic mirroring, bandwidth limitation and even adjust some MAC and IP header fields. SFP+ cage supports both 1.25G SFP and 10G SFP+ modules.



## UNII-2 support for the United States and Canada

We have FCC certified and added support in RouterOS for UNII-2 wireless frequency range for the following products:

- RBSXTsqG-5acD-US (SXTsq 5 ac)
- RBLHGG-5acD-XL-US (LHG XL 5 ac)
- RBLHGG-5acD-US (LHG 5 ac)
- RBLDFG-5acD-US (LDF 5 ac)
- RBDiscG-5acD-US (DISC Lite5 ac)
- RB4011iGS+5HacQ2HnD-IN-US
- RBwAPGR-5HacD2HnD-US-US
- RBwAPGR-5HacD2HnD-US&R11e-LTE6-US
- RBwAPGR-5HacD2HnD-US&R11e-4G-US
- RBD52G-5HacD2HnD-TC-US (hAP ac<sup>2</sup>)



This update gives a wider range of 5GHz channels to choose from - not only UNII-1 (5.170-5.250 GHz) and UNII-3 (5.725-5.835 GHz), but also UNII-2 (5.250-5.350 GHz and 5.470-5.725 GHz). In order to use UNII-2, you need to update your product to the latest version (at least long term 6.45.8 or stable 6.46.1). We are working to enable UNII-2 support for more -US products. More information to follow.



# ServeTheHome: "..best value 48x PoE+ on the market?" Supports 24v and 56v on a per port basis

Recently ServeTheHome, a website that specializes in the latest news of networking products, looked at the CRS354-48P-4S+2Q+RM, and here is the conclusion: "Perhaps the more important impact of this switch is what it means to the ecosystem. MikroTik now can power even lower-cost 10GbE switches such as the 8x SFP+ MikroTik CRS309-1G-8S+IN using this PoE+ switch. It can also power APs, IP cameras, phones, and other devices. The CRS354-48P-4S+2Q+RM can now be a foundation for a fairly large SMB office setting and greatly simplify deployments."

If you head to their <u>website</u>, they go over the externals and internals of the switch, performance, management options, power consumption and noise levels, and everything else you need to know. As always, alongside the article, there is also a <u>video version of the review.</u>

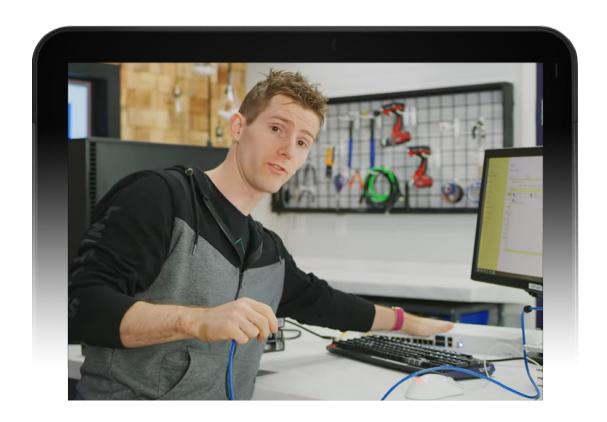
If you want to see more in-depth reviews of the newest MikroTik products, make sure to check out the networking section of the ServeTheHome website. They make professional, comprehensive reviews with extreme attention to detail all the time.



# Another MikroTik switch in a Linus Tech Tips setup

View video

This time the famous tech blogger is talking about faster home networks and the challenges one might face. There are times when the hardware and the wiring can't keep up with the speed capabilities and needs of your network.



In the video Linus talks about 2.5 Gigabit networking as the middle ground between the 1G speed, which is not enough for many users nowadays, and 10G networking, which can sometimes be too expensive for a regular home user. In Linus' example fast network is extremely important for working with huge media files – if the network is fast enough, you don't need to copy all the photos and videos to your local drive for editing them.

Among all kinds of solutions, we saw that Linus is using the incredible <u>CRS312-4C+8XG-RM</u> - our first product with 10G RJ45 Ethernet ports and 4x 10 G combo ports. Those combo ports can be used for 10G RJ45 Ethernet or 10G SFP+, when you need an additional fiber connection. With MikroTik you don't have to choose – you can afford all the speed and throughput you need!