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RB5009UG+S+IN

\$ 219



	7x Gigabit Ethernet ports		1x 2.5 Gigabit Ethernet port		10G SFP+
	Durable metallic case		Powerful quad-core CPU		1 GB DDR4 RAM
	1 GB NAND		RouterOS v7 only		Multiple powering options

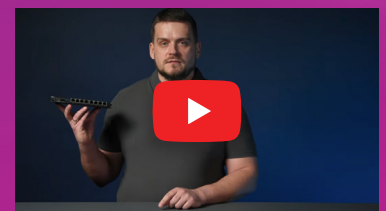
We took your feedback from the MikroTik User Meetings to create the perfect home lab router: compact, powerful, with multiple powering options and efficient cooling. RB5009 has it all, and even more!

RB5009UG+S+IN can be powered in 3 different ways:

- PoE-in from Ethernet port #1
- DC Jack
- 2-pin terminal on the side



The board features 9 wired ports and a full-sized USB 3.0. Seven of the ports are Gigabit Ethernet, another one is 2.5 Gigabit Ethernet, and the last one is a 10G SFP+ cage. All the ports are connected to a powerful Marvell Amethyst family switch-chip with a 10 Gbps full-duplex line leading to the Marvell Armada Quad-core ARMv8 1.4 GHz CPU.



Both CPU and the switch-chip are located on the bottom of the board – so the case acts as a massive heat-sink!

RB5009 rackmount kit K-79

With a simple set of mounting accessories, you can mount FOUR of these routers in a single 1U rackmount space! No more server-room-Tetris, just pure productivity.



CCR2004-16G-2S+

\$ 465



16X GIGABIT
ETHERNET PORTS



2X 10G SFP+ CAGES



FULL-SIZED USB



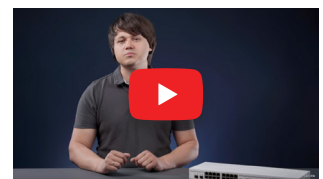
ROUTEROS V7 ONLY



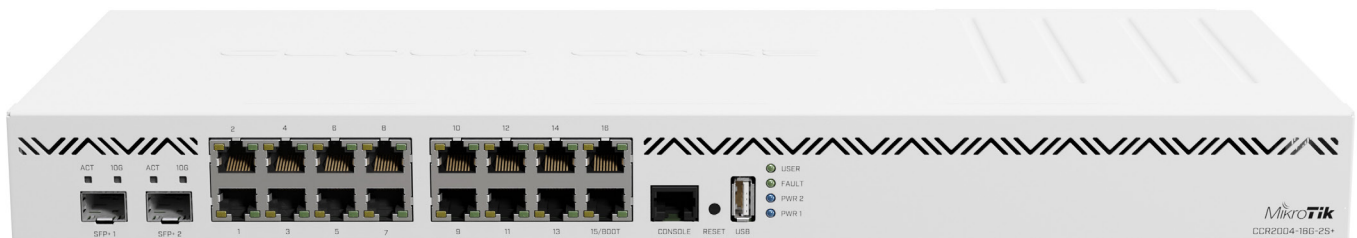
RJ-45 CONSOLE PORT

Like the other models in CCR2004 series, this CCR also features the Annapurna Labs Alpine v2 CPU with 4x 64-bit ARMv8-A Cortex-A57 cores running at 1,7GHz. But here's the difference. This powerful router crushes all previous CCR models in single-core performance, and that is the most important aspect when it comes to heavy operations based on per-connection processing. Like queues, for example.

With the new CCR2004, you can take your office network to the next level. Without breaking the bank.



But that's not all! It also has the best single-core performance per watt and best overall performance per watt among all the CCR devices. **Better for the planet, better for the bills, it's a win-win!**



The new router has 18 wired ports, including 16x Gigabit Ethernet ports and two 10G SFP+ cages. It also has a full-size USB and RJ-45 console port on the front panel.

Like all CCR devices, it comes in a classic white 1U rackmount case. Built-in dual redundant power supplies are included, so you have one less thing to worry about. And, of course, there is active cooling to keep things nice and cool.

Each group of 8 Gigabit Ethernet ports is connected to a separate Marvell Amethyst family switch-chip. Each switch chip has a 10 Gbps full-duplex line connected to the CPU. The same goes for each SFP+ cage - a separate 10 Gbps full-duplex line. Boards come with 4GB of DDR4 RAM and 128MB of NAND storage.

MTP250-53V47-OD & MTP250-26V94-OD



Outdoor AC/DC power supply units for the MikroTik netPower product line. Built for situations when your outdoor switches need that extra juice.

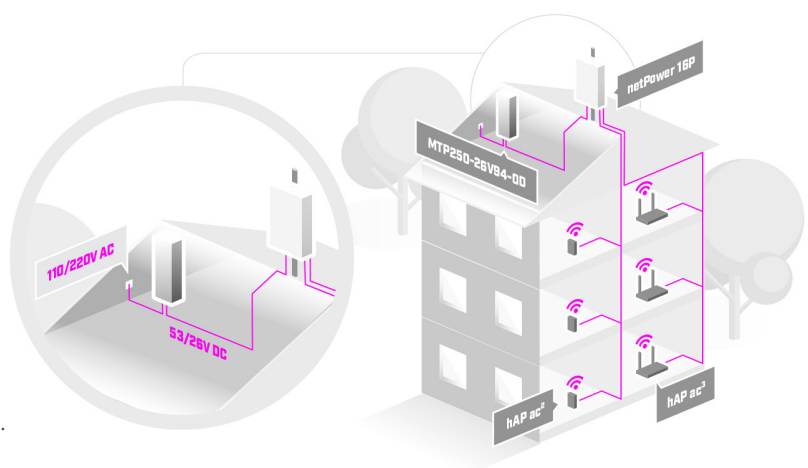
MTP250-53V47-OD can output 53V 250W, while the MTP250-26V94-OD works with a 26V 250W output. Both power supplies come in a sturdy IP67 enclosure with extra protection from dust and moisture.



Pole/wall mount compatible!



Leaving some ports free so that the clients have a power reserve for their equipment. Some might connect network cameras to their access points, others – additional switches. These mighty power supplies will power all the connected equipment with a total power consumption up to 249W.



Let's take the netPower 16p as an example.

The voltage will depend on your setup – take a look at the “DC jack input Voltage” in the Power input specifications of the desired devices. In our example the home access points are designed for 12-30 V power supplies, so we are using the MTP250-26V94-OD. If you have a setup demanding higher voltage – like a net of PTZ security cameras, you could use the MTP250-53V47-OD instead. Always check the necessary voltage before powering your devices!

GESP & GESP+POE-IN!

\$ 29



\$ 12



You can't buy safety, but you can buy MikroTik devices to keep your setup safe. Take a look at the GESP product line. It consists of a new revision of the classic MikroTik GESP surge protector and a brand new device – the GESP+POE-IN, a passive PoE injector with surge protection. Together these two devices offer maximum security and peace of mind.



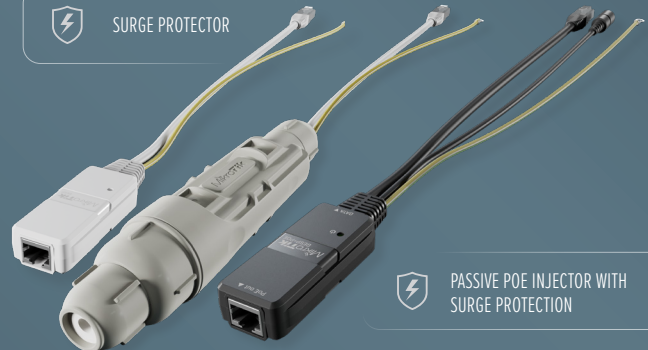
NEW UPGRADED REVISION, SAME PRICE



NEW IP67 OUTDOOR ENCLOSURE



SURGE PROTECTOR



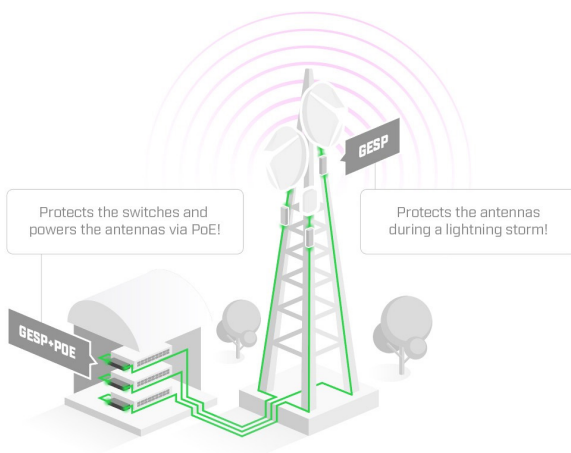
PASSIVE POE INJECTOR WITH SURGE PROTECTION



CAN ABSORB MULTIPLE IMPACTS



COMES WITH A GROUNDING WIRE



Here's what a typical use-case would be like. You have a mast with some antennas. And some switches on the ground. Put the GESP surge protector up there. It comes sealed inside a new and improved IP67 weatherproof enclosure. Your antennas are now safe during a lightning storm. Now add the GESP+POE-IN injector below the mast - to protect the switches and to power the antennas.

Don't forget about the grounding wire! Secure it to the rackmount, mast, or any other structure that is connected to the ground. For maximum protection, you should use a surge protector on both ends of long cables.

These small devices can make all the difference when it comes to lightning strikes or static build-up.

The GESP units can usually absorb multiple impacts, but make sure to check their condition after each surge. For attachment of GESP units, we recommend using PVC zip ties. Just don't make it too tight.

You know what they say – hope for the best, prepare for the worst. This small investment can save lots of time and money, so why risk it? Grab a GESP & GESP+POE-IN and put your mind at ease!

Learn RouterOS with #MikroTips!

We are so excited to launch our new YouTube #MikroTips series - tips and tricks for beginners who want to learn the ins and outs of MikroTik networking. Using CAPsMAN to manage as many APs as you want, performing advanced troubleshooting, setting up logs, reviewing configs, and so on – we will walk you through the wondrous world of RouterOS.

Take a look at the CAPsMAN episode or head over to our [YouTube channel](#) to find out even more!



HowToWithLiene: Choosing the right MikroTik device

Last time on “HowToWithLiene” we talked about the super helpful MikroTik Home app – the easiest way to set up your router. But before setting it up – you need to choose the right device for your home. It may seem difficult at first – hundreds of devices, endless features... But once again – it doesn’t have to be complicated. Liene will guide you through the process.



Every cloud has a silver lining..

Partner material in collaboration with IT WAREHOUSE

In times of global crises, there are opportunities to be used or to be wasted. When the world was devastated by the first wave of COVID-19, restaurants closed, while YouTube cooking channels grew. Gyms closed, while workout apps were downloaded more than ever before. Supermarkets, malls, and other stores were heavily restricted, while online shopping traffic snowballed. What do all these alternatives have in common? They're all on the Internet – a huge opportunity (and a challenge!) to the Internet Service Providers (ISP).

In the Philippines, there are only 2 major ISP's. This duopoly inspired visionaries to get into the ISP industry to compete with it. One of those companies is **Fil Products Service TV, Inc.** The company started as a cable and broadcasting company, but quickly branched out to internet services, as issues with the two major ISP companies arose nationwide. They took up a significant part of the market in Visayas (the central major island of the Philippines) when they bundled their HD cable services with high-speed internet plans.



As a smaller company, they were able to develop by using high-quality server hardware at smaller quantities and the best price-performance ratio. Their well-planned setup included a number of CCR1072-1G-8S+, CCR1036-8G-2S+, and CRS317-1G-16S+RM devices along with various SFP, SFP+, and QSFP+ cables.

Although they are still far from being a household ISP name, Fil Products Service TV, Inc. are well on their way to becoming one of the major players in, at least, Visayas. This expansion is an example of choosing the right tools and the right moment to seize an opportunity. As distributors, this story is inspiring - it makes us realize how much impact we can have not only on the small businesses, but also on all the people they serve – by providing healthy competition and bringing more affordable, reliable internet connectivity around the world.

This story also inspires others to take on “the big fish” without fear, no matter the industry. As they say - the time your game is most vulnerable is when you're ahead. If you have the ability to learn faster than your competitors and provide a quality service to the right audience – growth and success are almost inevitable.