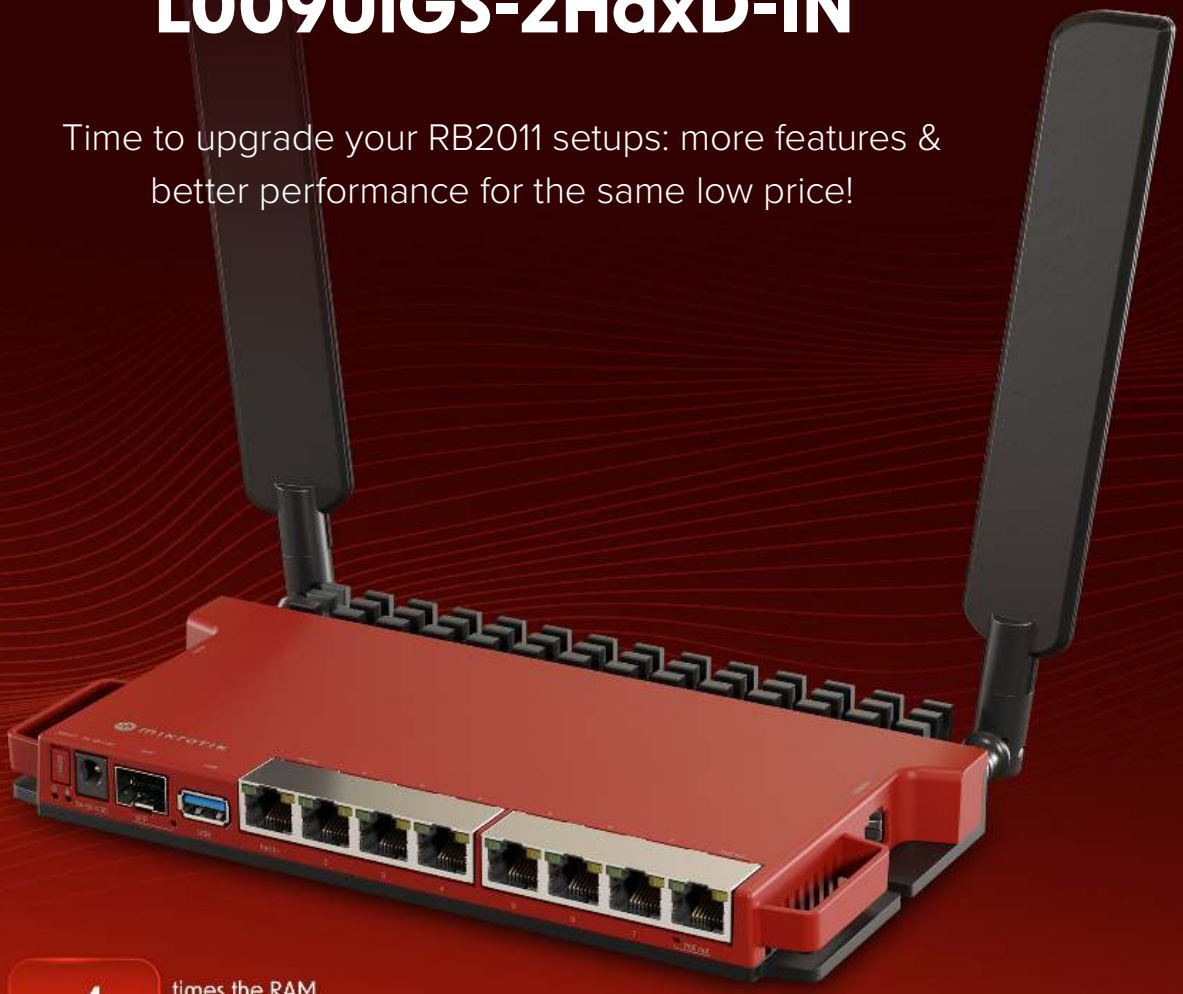
MIKROTIK

L009UiGS-2HaxD-IN

Time to upgrade your RB2011 setups: more features & better performance for the same low price!



Up to **4** times the RAM
Fit up to **4** times faster than RB2011!
4 units in a single 1U rack space!

...more than just a router!

- INNOVATIVE ENCLOSURE THAT ACTS AS A MASSIVE HEAT-SINK
- MODERN DUAL-CORE ARM CPU
- POWERFUL 2.4 GHZ AX DUAL-CHAIN WIRELESS
- 8X GIGABIT ETHERNET PORTS
- SFP CAGE WITH 2.5G SUPPORT
- USB 3.0
- CONSOLE PORT
- 512 MB RAM
- POE-IN & POE-OUT
- CONTAINER SUPPORT

With simple accessories, you can mount FOUR of these routers in a single 1U rackmount space!

The legendary RB2011 product line has provided affordable, flexible, and robust connectivity for over a decade. In fact, it was our very first router with SFP. Finally, it's time for an upgrade. But don't worry: we've kept and improved all the key elements and features of the beloved RB2011. Even the red color scheme and the appealing price!



There are three main reasons to choose the L009: better performance, more features, and some interesting quality-of-life improvements. Let's start with the raw power and performance improvements!

L009 features a powerful dual-core ARM CPU. It offers significant improvement when it comes to routing and filtering, complex firewall rules, IPsec hardware encryption, and various advanced RouterOS features. ARM CPU architecture provides significant advantages over older MIPS-based devices. Like using all the latest Linux Kernel features. Or implementing your own container projects. The combination of a modern ARM CPU and a full-sized USB port is perfect for running custom container projects. You could run a Pi-hole adblock on this router, for example. Or you could use the USB to add an LTE modem of your choice. Imagination is the real limit here.



L009 is up to 4 times faster than RB2011 in most cases and setups, from simple fast path routing to complex bridge filters.

All the ports are now Gigabit Ethernet ports. There's PoE-in on the first port. You can use it instead of the DC jack to power the unit. And there's PoE-Out* on the last port – for powering other devices. Another helpful addition is an SFP cage that supports both Gigabit and 2.5 Gigabit connectivity. We have tested a variety of MikroTik SFP modules and cables that support higher speeds – the 2.5G capability makes a sysadmin's life so much easier– there's a **console port for quick direct-access** configuration!

** Works only if powered by DC jack*



At the heart of it all we have a speedy Marvell Peridot Switchchip which offers an impressive 2.5 Gigabit full duplex connection to the CPU to all the ports except Ether1. The first port has its own Gigabit full duplex line to the CPU. That means – countless configurations with no bottlenecks!

The 2.4 GHz dual-chain wireless connectivity is also much stronger now. With Generation 6 (802.11ax) wireless, you get up to 90% higher speed in the 2.4 GHz spectrum — along with greater stability and responsiveness, even with multiple connected clients. The device comes with powerful external antennas, but if needed, you can connect your own via the RP-SMA connectors.

The new enclosure is a spectacular innovation on its own. It's the same form-factor you might have seen with our highly sought-after RB5009 devices. It has several extremely useful properties. First of all, the case acts as a massive heat-sink, protecting your setups from overheating. But here's the fun part: with a simple set of accessories, you can fit up to four of these routers in a single 1U rackmount space.



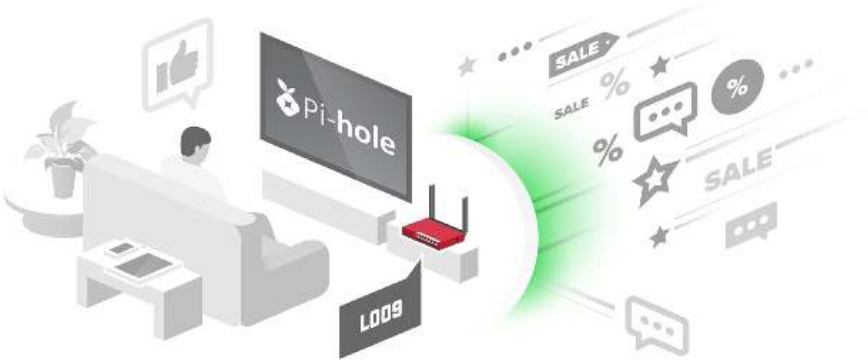
Here at MikroTik, we're the world champions of server room tetris. So here's our latest lifehack for the most efficient server rooms: grab an RB5009 with PoE-out ports. And mount it together with seven L009 routers in just two 1U rackmount spaces. You'll become a living legend among system administrators, setting a new example of efficient space management and simple, reliable powering. And if you don't need the wireless capability, you can cut costs even more and try the other version of this router: the L009UiGS-RM. It has all the same features – except for the 2.4 GHz wireless. And it comes with all the necessary mounting accessories.

RB2011 will always remain a networking legend, but it's time to take it up a notch. And the L009 product line is the perfect upgrade that will help you save time, money, and server room space like never before!

L009 is not just a router. It's a versatile network appliance that can assist you in so many ways.

Here are some neat container use-cases to explore with your brand new L009!

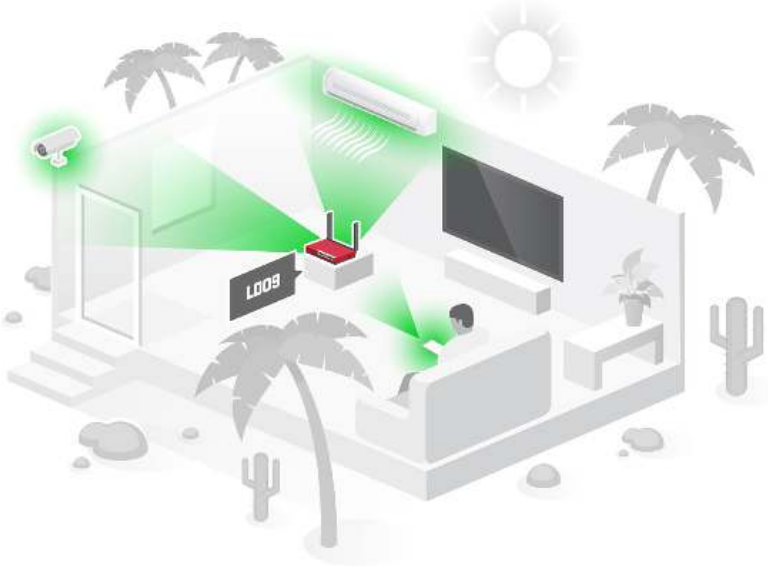
Block all unwanted ads with PiHole hosted on your L009!



Host your web blog or a simple website on your router – without any additional hardware!



L009 can host the HomeAssistant app, which allows monitoring your CCTV cameras, temperature sensors, and other devices to create the smart home ecosystem of your dreams!



You can even automate your home. For instance, wouldn't it be nice if the air conditioning turned on automatically when it gets too hot? With L009's container support that's an easy ride!

Specifications

Product code	L009UiGS-2HaxD-IN
CPU	Dual-Core IPQ-5018 800 MHz
CPU architecture	ARM 64bit (RouterOS 32bit)
Size of RAM	512 MB
RAM type	DDR3L
Storage	128 MB, NAND
Number of 1G Ethernet ports	8
Number of 1G SFP ports	1 (2.5G supported)
USB port	1 (3.0 type A)
Serial console port	RJ45
Switch chip model	88E6190
Wireless interface model	IPQ-5018
Wireless	2.4 GHz 802.11b/g/n/ax dual-chain
Antenna gain	4 dBi
Antenna connector	RP-SMA female
Dimensions	220 x 125 x 22 mm
Operating system	RouterOS v7, License level 5
Operating temperature	-40°C to +70°C

Powering

PoE-in	802.3af
PoE-Out*	Passive PoE
Max out per port output (DC input 24-30 V)	1 A
Max out per port output (DC input 30-56 V)	450 mA
Number of DC inputs	2 (PoE-in, DC jack)
PoE-in input Voltage	24-56 V
DC jack input Voltage	24-56 V
Max USB current	1.5 A
Power adapter nominal voltage	24 V
Power adapter nominal current	1.5 A
Max power consumption without attachments	12 W
Max power consumption	45W (with appropriate PSU)

** PoE-Out works only if powered by DC jack*

Included parts



24 V 1.5 A
power adapter

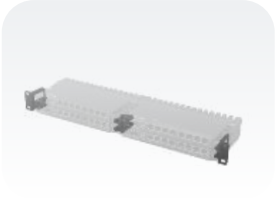


HGO indoor
antenna kit



Fastening
set

Optional



Rackmount
kit K-79