CRS510-8XS-2XQ-IN

A versatile 100 Gigabit switch that offers speed, value, and diverse connectivity options.

It's time to upgrade your 10 or 25 Gigabit network!



2X 100 GIGABIT QSFP28 PORTS

8X 25 GIGABIT SFP28 PORTS

MULTIPLE POWERING OPTIONS:
POE-IN, DC JACK, 2-PIN TERMINAL, AC

DUAL HOT-SWAP POWER SUPPLIES

BACKWARD COMPATIBLE WITH 40G, 25G, 10G, AND 1G CONNECTIONS

COMPACT & ENERGY EFFICIENT!

16X 25 GIGABIT MARVELL PRESTERA SWITCH CHIP

Remember our sensational 100 Gigabit switches – the CRS504 and CRS518? It's time for another breathtaking addition to the **MikroTik 100 Gigabit product family**: the versatile CRS510-8XS-2XQ-IN!



This handy switch has **two 100 Gigabit QSFP28 ports** and **eight 25 Gigabit SFP28 ports**. This combination of ports guarantees a perfect fit in almost any setup or server room. Various direct attach cables, active optical cables, copper RJ45's... **CRS510 will keep everything connected!** You'll save time, money, and precious nerve cells with the **backward compatibility**. This unit supports all sorts of devices – 40 Gigabit, 25 Gigabit, 10 Gigabit, and even older Gigabit connections. And – speaking of nerve cells – we've kept the sysadmin's emergency tool: the good old **console port**.

Another reason why we love the new CRS510 (and you will too!) is the performance. It can handle **VLANs, ACL, MLAG, Jumbo frames**, and so much more – even some **L3 hardware offloading**! The mighty Marvell Prestera switch chip dominates most tasks without blowing the **power consumption** up – only up to **27W** (without attachments).

And when it comes to powering – CRS510 is a real joy to work with. It has dual hot-swap power supplies and three other powering options: PoE-in, DC jack, and a 2-pin terminal. No more unnecessary downtimes!

Specifications

Product code	CRS510-8XS-2XQ-IN
CPU	QCA9531 650 MHz
CPU architecture	MIPSBE
CPU core count	1
Size of RAM	128 MB
Storage	32 MB, Flash
Number of 100M Ethernet ports	1
Number of 25G SFP28 ports	8
Number of 100G QSFP28 ports	2
Switch chip model	98DX4310
Dimensions	320 x 185 x 44 mm
Operating system	RouterOS v7, License level 5
Operating temparature	-40°C to +70°C

Powering

Number of DC inputs	3 (PoE-in, DC jack, 2-pin terminal)
PoE-in input Voltage	43-57 V Passive PoE or 802.3bt Class 6
DC jack input Voltage	36-57 V
2-pin terminal input Voltage	36-57 V
Number of AC inputs	2
AC input range	100-240 V
Frequency	47-63 Hz
Max power consumption without attachments	31 W
Max power consumption	51 W

Included parts



2 Power cords



Fastening set



Rack ears