CRS312-4C+8XG-RM

Switch of the future: the first MikroTik product with 10G RJ45 Ethernet ports and SFP+

Remove the bottleneck from your network setup – it is time to upgrade that 1 Gigabit switch to something truly powerful and enjoy real speed. Introducing **CRS312-4C+8XG-RM** – our first product with 10G RJ45 Ethernet ports. Moreover, it also has 4 x 10G combo ports: use them for 10G RJ45 Ethernet or 10G SFP+, when you need an additional fiber connection. Combo ports can be used alongside the 8 regular 10G RJ45 Ethernet ports at all times. These ports can also be software selected, so you can use RouterOS scripting, to decide which combo ports will be active.



This device is a practical solution for those who work with huge data files and need fast, capable connection 24/7: multimedia production, scientific research, game development, big data analysis and so on. **CRS312-4C+8XG-RM** has a dual power supply for redundancy – no unexpected downtime when the deadlines are looming. It has a full size USB, a console port for configuration and a 1U rackmount case – fits all the standard racks.



You can choose between our legendary feature-packed RouterOS for booting or a simpler, but still powerful SwOS. If you would like the ability to use routing and other Layer 3 features in your CRS, use RouterOS.

This switch has a great total non-blocking throughput of 120 Gbps, switching capacity of 240 Gbps and forwarding rate of 178 Mpps. CRS312-4C+8XG-RM – built for professionals, great for everyone!

Specifications

Product code	CRS312-4C+8XG-RM
CPU	QCA9531, 650 MHz
Size of RAM	64 MB
Storage	16 MB flash
10/100 Ethernet ports	1
1G/2.5G/5G/10G RJ45 Ethernet ports	8
Combo 10G Ethernet / SFP ports	4
Supported input voltage	AC power supply 100 - 240 V
Redundant supply	Yes
USB port	USB type A
Serial port	RJ45
Dimensions	443 x 183 x 44 mm
Operating temperature	-30°C .. +70°C
Operating system	RouterOS or SwitchOS, License level 5
Max power consumption	60 W

Included parts



2 IEC cords



Screw and feet kit (K57)



Rack ears