Mikrotik CRS312-4C+8XG-RM network switch

Artikel	229907
Herstellernummer	CRS312-4C+8XG-RM
EAN	4752224002150
Mikrotik	

Remove the bottleneck from your network setup – it is time to upgrade that 1 Gigabit switch to something truly powerful and enjoy real speed. And it won't cost an arm and a leg – only $599! 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!

Zusammenfassung

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Mikrotik CRS312-4C+8XG-RM, Managed, L3, 10G Ethernet (100/1000/10000), Rack mounting, 1U

Mikrotik CRS312-4C+8XG-RM. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 8, USB 2.0 ports quantity: 1, Console port: RJ-45. Switching capacity: 240 Gbit/s. Power connector: AC-in jack. Rack mounting, Form factor: 1U

Merkmale

Logistics data

Harmonized System (HS) code	85176990

Network

10G support	Y

Operational conditions

Operating temperature (T-T)	-30 - 70 °C

Power over Ethernet (PoE)

Power over Ethernet (PoE)	N

Management features

Switch type	Managed
Switch layer	L3

Packaging data

Cables included	AC
Rack mount kit	Y

Performance

Internal memory	64 MB
Flash memory	16 MB

Data transmission

Switching capacity	240 Gbit/s
Throughput	120000 Mpps
Forwarding rate	178 Mpps

Weight & dimensions

Width	443 mm
Depth	183 mm
Height	44 mm

Design

Rack mounting	Y
Form factor	1U
Product colour	White
LED indicators	Y

Power

Power supply included	Y
Redundant power supply (RPS) support	Y
AC input voltage	100 - 240 V
Power consumption (max)	60 W

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	8
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
Fast Ethernet (copper) ports quantity	1
Combo SFP ports quantity	4
Console port	RJ-45
USB 2.0 ports quantity	1
Power connector	AC-in jack