



MikroTik CRS305-1G-4S+IN | Switch | 1x RJ45 1000Mb/s, 4x SFP+



link to the product:

<https://www.batna24.com/gb/p/switches/mikrotik-crs305-1g-4sin-switch-1x-rj45-1000mb-s-4x-sfp>

Price: **509.22 zł** gross / 414.00 zł net



Manufacturer: MIKROTIK

Referention number: DNXGFM00FRMMLI

Product features

Height	28 mm
Width	141 mm
Depth	115 mm
Rack mounting	No
Power consumption (max)	18 W
Power consumption (typical)	10 W
Harmonized System (HS) code	85176990
Networking standards	IEEE 802.3af
Switch type	Managed
10G support	Yes
Flash memory	16 MB
DC input voltage	12 V
Operating temperature (T-T)	-40 to 70 °C
SFP+ module slots quantity	4
Processor frequency	800 MHz
Power over Ethernet (PoE)	Yes
Internal memory	512 MB
Built-in processor	Yes
Product colour	White
Power connector	DC-in jack
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Basic switching RJ-45 Ethernet ports quantity	1

Full product description

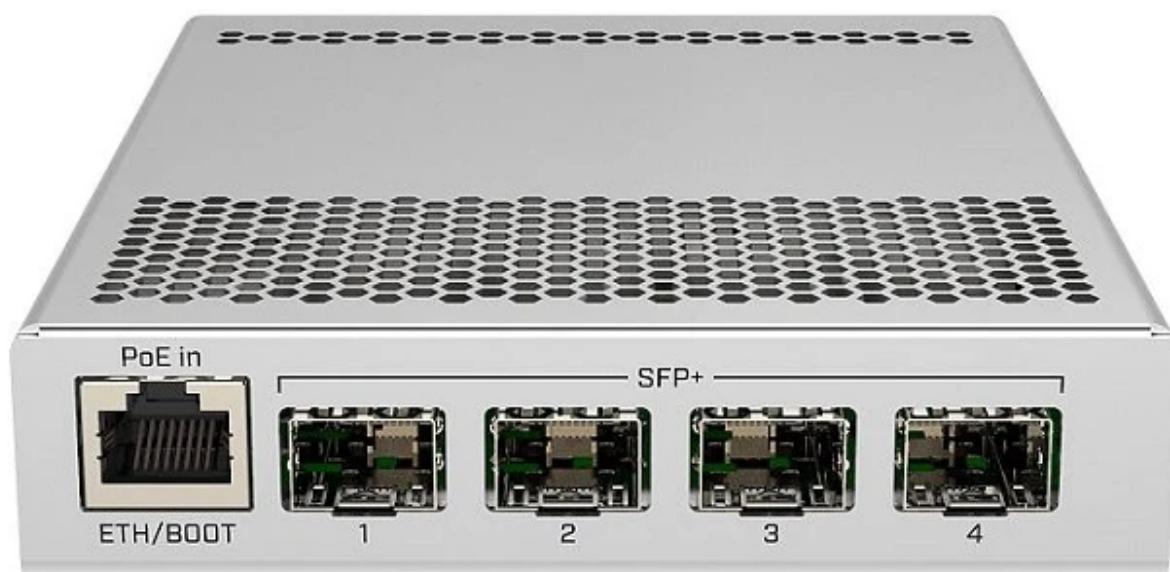
Mikrotik Cloud Router Switch CRS305-1G-4S+IN as a powerful network solution.

CRS305 is a compact but very efficient switch, equipped with four SFP+ ports, up to 10 Gbit per port. The device has a 1 Gbit Ethernet port for management and two DC ports for power redundancy. The device is in a very elegant and compact metal housing without fans, which ensures silent operation.



Features:

- 4 SFP+ ports
- 1 Gigabit Ethernet port
- Non-blocking throughput: 41 Gbps
- Switching capacity: 82 Gbps
- Transmission speed: 61 Mpps
- 2 DC sockets for redundancy
- Maximum power consumption: 12 W (with 18 W tips)
- Supports PoE+ IEEE 802.3at/af and passive PoE 12-57 V
- Metal casing
- Fanless



Functions CRS305-1G-4S+IN

The device has a "Dual boot" function, which allows you to choose between two operating systems - RouterOS or SwitchOS. If you prefer to use a simplified operating system with specific switch functions, use SwOS. If you want to be able to use routing and other layer 3 functions on your CRS, use RouterOS. You can select the desired operating system from RouterOS, SwOS, or RouterBOOT loader settings.

Switching results

CRS305-1G-4S+IN							
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Switching	Non blocking Layer 2 throughput	3,332.2	40,466.8	9,633.5	39,458.6	61,011.9	31,238.1
Switching	Non blocking Layer 2 capacity	3,332.2	80,933.7	9,633.5	78,917.3	61,011.9	62,476.2
Switching	Non blocking Layer 1 throughput	3,332.2	41,000.0	9,633.5	41,000.0	61,011.9	41,000.0
Switching	Non blocking Layer 1 capacity	3,332.2	82,000.0	9,633.5	82,000.0	61,011.9	82,000.0

Ethernet test results

CRS305-1G-4S+IN							
98DX3236 all port test							
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	104,3	1266.6	273,5	1120.3	449	229.9
Bridging	25 bridge filter rules	104	1263.0	104,6	428.4	104,5	53.5
Routing	none (fast path)	104,3	1266.6	273,9	1121.9	343,5	175.9
Routing	25 simple queues	104,3	1266.6	136,9	560.7	137,4	70.3
Routing	25 ip filter rules	64,8	786.9	65,9	269.9	65,8	33.7