

**ROUTER
CCR**

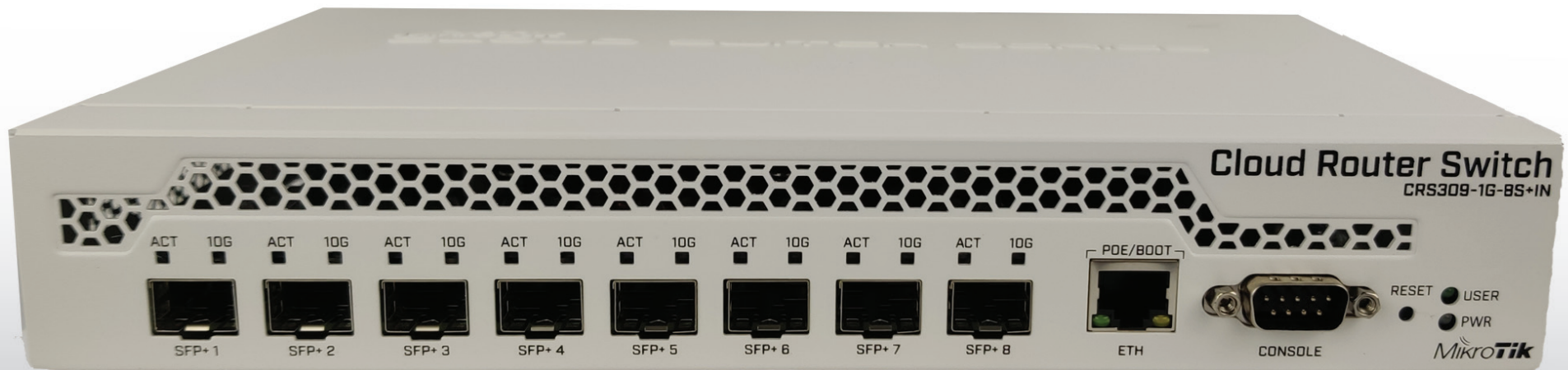


BY FIBER SYSTEM

PRODUCT MANUAL

CRS309-1G-8S+

CRS309-1G-8S+



Product Overview

The CRS309-1G-8S+ is a very compact, yet powerful networking switch. It has eight SFP+ slots, supporting up to 10 Gbit module in each, which results in a total switching capacity of 162 Gbps and total non-blocking throughput of 81 Gbps.

The device also has dual-core 800 MHz CPU, 512 MB RAM, a management Ethernet port with PoE power input, RS232 serial port, a grounding terminal and is capable of dual boot (choose which operating system you prefer, RouterOS, or SwOS).

The compact and sleek metallic enclosure also acts as a heatsink, making this device passively cooled -no fan noise and no dust accumulation inside. Special rackmount ears for installing unit into the standard rack are provided.

Main Characteristics



- CPU: 98DX8208
- CPU core count: 2
- CPU nominal frequency: 800 MHz
- License level: 5
- Operating System: RouterOS / SwitchOS
- PoE in: 802.3af/at
- Number of DC inputs: 2 (DC jack, PoE-IN)
- DC jack input Voltage: 12-57 V
- Max power consumption: 23 W
- Max power consumption without attachments: 1

Technical Specifications

| | |
|----------------------------|------------------------------------|
| Details | |
| Product code | CRS309-1G-8S+IN |
| Architecture | |
| Architecture | ARM 32bit |
| CPU | 98DX8208 |
| CPU core count | |
| CPU core count | 2 |
| CPU nominal frequency | 800 MHz |
| Dimensions | |
| Dimensions | 272 x 191 x 44 mm |
| RouterOS license | 5 |
| Operating System | |
| Operating System | RouterOS / SwitchOS |
| Size of RAM | 512 MB |
| Storage size | |
| Storage size | 16 MB |
| Storage type | FLASH |
| MTBF | |
| MTBF | Approximately 200'000 hours at 25C |
| Tested ambient temperature | -40°C to 70°C |



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