

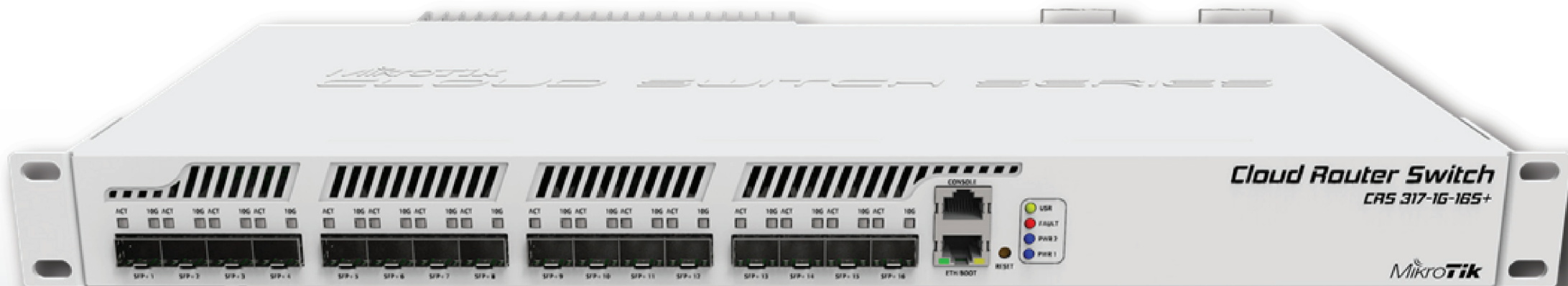
**ROUTER
CCR**



BY FIBER SYSTEM
PRODUCT MANUAL

CRS317-1G-16S+RM

CRS317-1G-16S+RM



Product Overview

The new Cloud Router Switch 317-1G-16S+RM is a rack-mountable manageable switch with Layer3 features, it has 16 SFP+ ports for high performance 10GbE connectivity and a 1GbE copper port for management. CRS317-1G-16S+RM is powered by a next generation switching chip, giving you wire speed performance for all sixteen 10GbE ports with any Ethernet frame size. New features such as hardware-based Spanning Tree Protocol and Link Aggregation (LACP) provide enhanced protection and true professional performance for your demanding network.

The unit has dual redundant power supplies and passive cooling case, so it is completely silent - for hot environments, two redundant fans will automatically keep the system cool if needed.

Main Characteristics



- Boot option for SwOS or RouterOS
- Non-blocking Layer 2 switching capacity
- 16K host table
- IEEE 802.1Q VLAN
- Supports up to 4K simultaneous VLANs
- Port isolation
- Port security
- Web-based GUI
- 800 Mhz CPU

- Broadcast storm control
- Port mirroring of ingress/egress traffic
- Rapid Spanning Tree Protocol
- Link Aggregation (LACP)
- Access Control List
- MikroTik neighbour discovery
- SNMP v2/v3
- Rackmount and tabletop

Technical Specifications

| | |
|--------------------------------|-----------------------------------------------------------------------------------------------|
| Product code | CRS317-1G-16S+RM |
| CPU | 98DX8216B0 800 MHz |
| Size of RAM | 1 GB |
| Storage type | Flash |
| Storage size | 16 MB |
| SFP+ | 16 (supports both 1.25 Gb SFP and 10 Gb SFP+ modules; modules are not included), DDMI support |
| Dimensions | 443 x 224 x 44 mm |
| License level | 6 |
| Operating System | RouterOS or SwitchOS |
| Number of AC inputs | 2 |
| AC input range | 110 - 240 V |
| Redundant supply | Yes |
| Max Power consumption | 42 W |
| Active case cooling | Yes |
| CPU temperature monitor | Yes |
| Operating temperature | -40 to 70° C |
| LEDs | 38 |
| Serial port | RJ45 |
| Suggested price | \$399 |

Dual Boot

The “Dual boot” feature allows you to choose which operating system you prefer to use, RouterOS or SwOS. If you prefer to have a simplified switch only OS with more switch specific features, use SwOS. If you are used to Winbox and would like the ability to use routing and other Layer 3 features on some ports in your CRS, boot and use RouterOS. You can select the desired operating system from RouterOS, from SwOS or from the RouterBOOT loader settings.

It gives you all the basic functionality for a managed switch, plus more: allows managing port-to-port forwarding, applying MAC filter, configuring VLANs, mirroring traffic, applying bandwidth limitation and even adjusting some MAC and IP header fields. SFP+ cages supports both 1.25 GB SFP and 10 GB SFP+ modules.





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