



# CRS520-4XS-16XQ-RM

An **ultra-fast enterprise switch**  
with extra processing power due to the CCR series CPU &  
the **best price per 100 Gigabit port** on the market!



**LOW POWER CONSUMPTION:**  
ONLY UP TO 123W\*  
**GREAT FOR YOUR WALLET,**  
**GREAT FOR THE PLANET!**



**25 GIGABIT  
SFP28 PORTS**

(SUPPORT 1G / 2.5G / 10G / 25G SPEEDS,  
depending on module)



**100 GIGABIT  
QSFP28 PORTS**

(SUPPORT 4X 1G / 4X 2.5G / 4X 10G /  
4X 25G / 1X 40G / 2X 50G / 1X 100G SPEEDS,  
depending on module)



**10 GIGABIT  
ETHERNET PORTS**

(SUPPORT 10M / 100M / 1G / 10G SPEEDS)



**4GB DDR4  
RAM**



**HOT-SWAP  
POWER SUPPLIES  
& COOLING**



**MIGHTY  
QUAD-CORE  
2 GHZ ARM CPU**

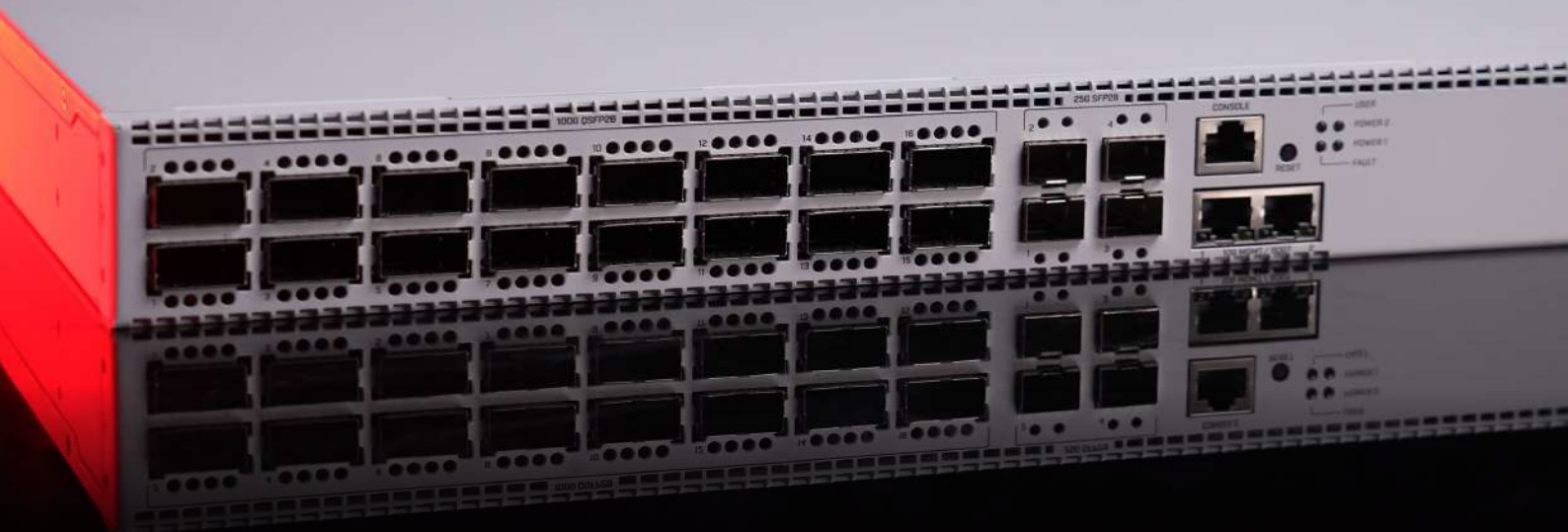


**CONSOLE  
PORT**

\* Depending on the attachments

Welcome to the forefront of networking: the future-proof CRS520-4XS-16XQ-RM with **extra processing power, 4 GB of DDR4 RAM**, and the best price per 100 Gigabit port we've seen so far.

With **16x 100 Gigabit** QSFP28 ports, **4x 25 Gigabit** SFP28 ports, and an extra **pair of 10 Gigabit Ethernet** ports, this switch can bring a lot of value to complicated enterprise networks, data centers, multimedia studios, and other setups where you would typically use several devices. Now – a single CRS520 can do the trick!



Avid CCR users might recognize the **powerful quad-core ARM CPU** running at 2 GHz, and ask – why would a switch need all that power? Two reasons:

1) CRS520 is more than a switch. You can **run OSPF/BGP**, out-of-band/management **VPNs**, ACLs, Jumbo frames and even **L3HW Offloaded routing**;

2) Future-proofing: as our friends at Marvell keep expanding the capabilities of their spectacular switch-chips, our in-house software team is busy exploring ways to add even more Hardware Offloaded features. You can expect software updates that will take the CRS520 to the next level! And all that without any paywalls or subscriptions.

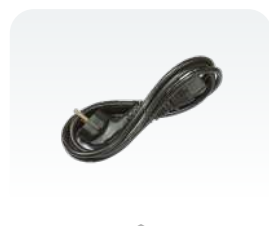
## • Specifications

Product code	CRS520-4XS-16XQ-RM
CPU	Quad-Core AL52400 2 GHz
CPU architecture	ARM 64bit
Size of RAM	4 GB
RAM type	DDR4
Storage	128 MB, NAND
Number of 1G/2.5G/5G/10G Ethernet ports	2 (Support 10M / 100M / 1G / 10G speeds)
Number of 25G SFP28 ports	4 (Support 1G / 2.5G / 10G / 25G speeds, depending on module)
Number of 100G QSFP28 ports	16 (Support 4x 1G / 4x 2.5G / 4x 10G / 4x 25G / 1x 40G / 2x 50G / 1x 100G speeds, depending on module)
Switch chip model	98CX8410
Operating system	RouterOS v7 only, License level 5
Dimensions	443 x 367 x 44 mm
Operating temperature	-20°C to +50°C

## • Powering

Number of AC inputs	2
Nominal current	10.25 A
Max current	12.5 A
AC input range	100-240 V
Frequency	47-63 Hz
Max power consumption (without attachments)	123 W
Max power consumption	150 W

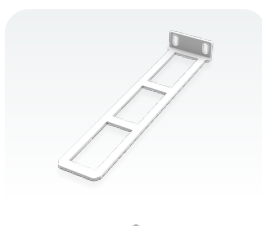
## • Included parts



2 Power cords



Rackmount ears



Rackmount rear support ears



Cable management bracket



Fastening set