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CCR1009-7G-1C-1S+

The new updated revision of CCR1009 is here. We attempted to combine all the customer feedback and best practice in CCR device manufacturing that we learned over the last three years, since the first CCR1009 devices were launched.

Important changes

No switch-chip - the device now features only fully independent Ethernet ports each with a direct connection to the CPU, allowing to overcome previous shared 1Gbit limitation from switch-chip ports and utilize full potential of CPU processing power on those ports.

Combo-port - a single 1Gbit software interface that has two hardware interfaces - a SFP cage and a Gigabit Ethernet port, allowing you to use any type of connection available to you. Port also allows to switch from one to another interface from software, or in event of disconnect, providing new, unique hardware fail-over feature.

100Mbps SFP support - this is our first device that supports 100BASE-LX/100BASE-SX/100BASE-BX fiber modules, as well as standard 1.25G SFP modules.

More throughput - due to how ports are connected to CPU, new CCR1009 models can achieve higher theoretical throughput.



The unit is equipped with dual power supplies built in for redundancy (if one power line fails, the other one will take over automatically).

Unit comes with the 1U rackmount case and supports a Smart card, to store your private key for use in all features that support Certificate based authentication. It also includes LCD touchscreen, microSD and a SFP+ port for 10G connections.



Specifications

Product code	CCR1009-7G-1C-1S+
CPU nominal frequency	TILE-Gx9, 9 cores, 1.2 GHz
Size of RAM	2 GB
Storage type	NAND
Storage size	128 MB
10/100/1000 Ethernet ports	7
Number of USB ports	1
Power jack	2
PoE in	Yes
Supported input voltage	15 V - 57 V
Voltage monitor	Yes
PCB temperature monitor	Yes
CPU temperature monitor	Yes
LCD	Yes
Dimensions	444 x 175 x 47mm
Operating system	RouterOS, level 6 license
Max Power consumption	34W
Ethernet/SFP combo port	1
SFP+ ports	1
USB slot type	microUSB type AB
Smart card	Yes
Storage expansion	microSD
Serial port	RS232
Suggested price	\$495

Included



USB cable



Rack ears



2x IEC cord