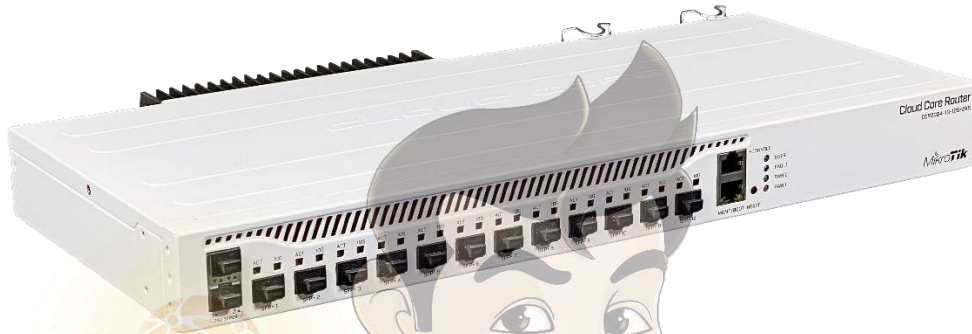




Overview

The Connectivity Router - your best companion when it comes to SFP+ and SFP28 management! 10 and 25 Gbps ports in a single device to make your life easier.

The "Improvise. Adapt. Overcome." mindset can be very helpful, but sometimes you simply need a device that works and solves the problem without additional tinkering. The CCR2004-1G-12S+2XS does just that forget about all connectivity troubles and expand your setup in any way you please.



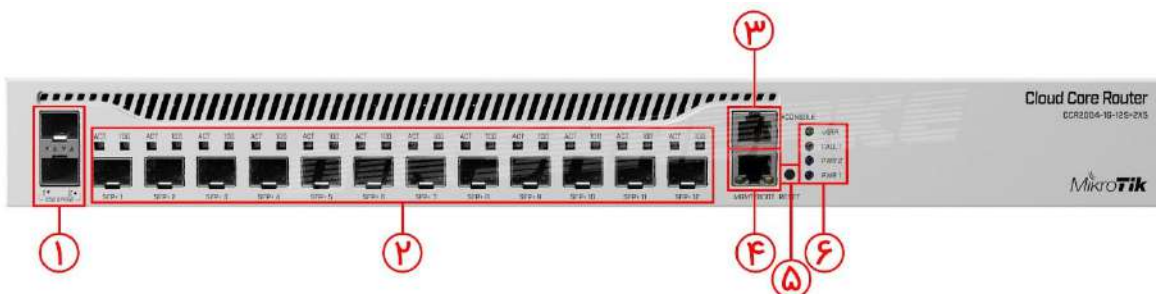
This is our router with the most powerful single-core performance so far. It provides incredible results in single tunnel (up to 2.3 Gbps) and BGP feed processing.



Be prepared for anything: 10G, 40G and now 25G! Paired with such MikroTik multiport products as CRS317-1G-16S+RM, CRS312-4C+8XG-RM and CRS326-24S+2Q+RM, your networking setup will know no bounds. Performance-wise, CCR2004-1G-12S+2XS is on par with the renowned CCR1009/CCR1016 routers. And with dual redundant power supply you can forget about unexpected downtime! With its elaborate port configuration, the new CCR2004-1G-12S+2XS is the perfect addition to any professional networking arsenal – it will save you tons of time in some tricky situations!

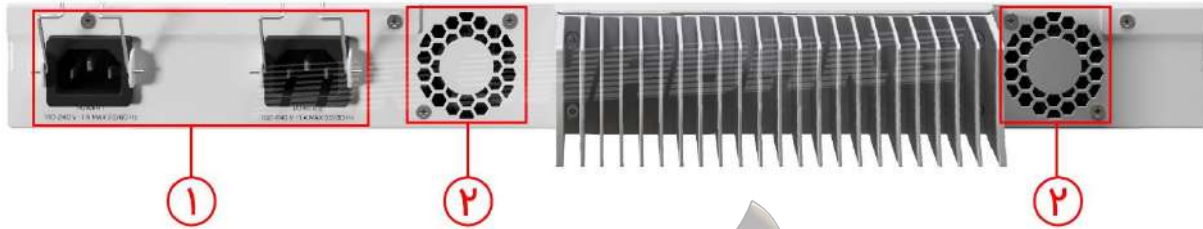


Product Details



shows the front panel of the CCR2004-1G-12S+2XS

(1)	2 x 25G SFP28 ports	(4)	1 x 1G Ethernet port management
(2)	12 x 10G SFP+ ports	(5)	Buttem Reset
(3)	1 x 1G Ethernet Serial console port	(6)	LEDS



shows the back panel of the CCR2004-1G-12S+2XS

(1)	AC Power connector	(2)	fan
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Compare to Similar Items

shows the comparison of similar items.

Models	CRS317-1G-16S+RM	CRS326-24S+2Q+RM	CCR2004-1G-12S+2XS
Ports	16 x SFP+	24 x SFP+	12 x SFP+
Uplinks	-	2 x 40G QSFP+ ports	2 x 25G SFP28 ports
CPU	98DX8216, 800 MHz	QCA9531, 650 MHz	AL32400, 1700MHz
CPU Cores	2	1	4
Architecture	ARM 32bit	MIPSBE	ARM 64bit
Dimensions	443 x 224 x 44 mm	443 x 200 x 44 mm	443 x 224 x 44 mm
RouterOS license	6	5	6
Operating System	RouterOS / SwitchOS	RouterOS v7 / SwitchOS	RouterOS v7
Size of RAM	1 GB	64 MB	4 GB
Storage size	16 MB	16 MB	128 MB
Storage type	FLASH	FLASH	NAND
Number of AC inputs	2 (100-240)	2 (100-240)	2 (100-240)
Max power consumption	44W	69W	49W
Cooling type	2 fans	3 fans	2 fans
Ethernet	1 x 10/100/1000 Ethernet ports	1 x 10/100 Ethernet ports	1 X 10/100/1000 Ethernet ports
Certification	CE, EAC, ROHS	CE, EAC, ROHS	CE, EAC, ROHS
IP	-	20	20

Included parts



2 IEC
cords



Rackmount
bracket white



Fastening set for
rackmount case

IPsec test results

CCR2004-1G-12S+2XS		Hardware accelerated IPsec throughput test					
Mode	Configuration	1400 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Single tunnel	AES-128-CBC + SHA1	303.6	3400.3	353.6	1448.3	354.7	181.6
256 tunnels	AES-128-CBC + SHA1	302.0	3382.4	378.8	1551.6	376.4	192.7
256 tunnels	AES-128-CBC + SHA256	302.0	3382.4	378.8	1551.6	376.4	192.7
256 tunnels	AES-256-CBC + SHA1	300.3	3363.4	374.5	1534.0	374.5	191.7
256 tunnels	AES-256-CBC + SHA256	300.3	3363.4	374.5	1534.0	374.5	191.7

Specification

CCR2004-1G-12S+2XS Specification

Product code	CCR2004-1G-12S+2XS
Architecture	ARM 64bit
CPU	AL32400
CPU core count	4
CPU nominal frequency	1700 MHz
Dimensions	443 x 224 x 44 mm
RouterOS license	6
Operating System	RouterOS v7
Size of RAM	4 GB
Storage size	128 MB
Storage type	NAND

MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-20°C to 60°C
IPsec hardware acceleration	Yes
Powering	
Number of AC inputs	2
AC input range	100-240
Max power consumption	49 W
Max power consumption without attachments	32 W
Cooling type	2 fans
Ethernet	
10/100/1000 Ethernet ports	1
Fiber	
SFP+ ports	12
Number of 25G SFP28 ports	2
Peripherals	
Serial console port	RJ45
Other	
CPU temperature monitor	Yes
PCB temperature monitor	Yes
Voltage Monitor	Yes
Certification & Approvals	
Certification	CE, EAC, ROHS
IP	20

شما میتوانید کلیه تجهیزات شبکه را با گارانتی و ضمانت اصالت کالا از [فروشگاه اینترنتی مستر شبکه](#) تهیه کنید.



مقالات مرتبط :

- [نحوه راه اندازی تانل IPsec در میکروتیک](#)
- [نام گذاری روتر های میکروتیک](#)
- [بیکربندی Routeros version 7 در میکروتیک](#)
- [مراحل کانفیگ روتر های میکروتیک](#)
- [نرم افزار winbox میکروتیک به همراه دانلود فایل](#)
- [مقایسه میان سوئیچ میکروتیک سری CRS و CSS](#)