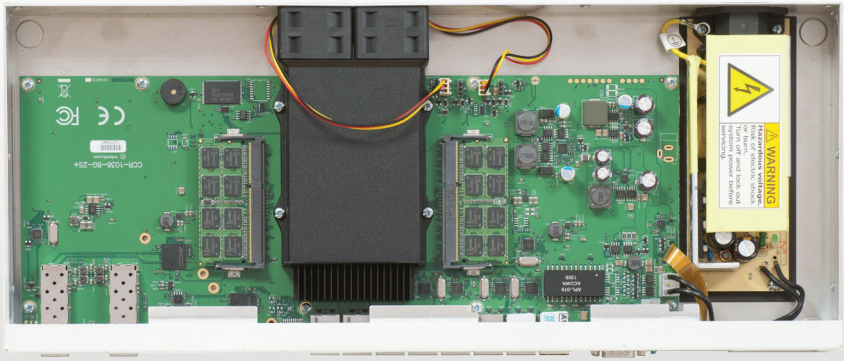
Cloud Core Router

CCR1036-8G-2S+





Our fastest router has now become even better - the new CCR1036-8G-2S+ now has two SFP+ ports for 10G interface support (SFP+ module available separately). It uses the same 36 core Tilera CPU as our other CCR1036 model, and delivers the same performance, but now, ten gigabit links are possible.

The device comes in a 1U rackmount case, has two SFP+ ports, eight Gigabit ethernet ports, a serial console cable and a USB port.

The CCR1036-8G-2S+ has two SODIMM slots, by default it is shipped with 4GB of RAM, but has no memory limit in RouterOS (will accept and utilize 16GB or more). Also available now, the EM model with 16GB of RAM!

New generation CPU

36 core CPU
1.2GHz clock per core
12 Mbytes total
on-chip cache
State of the art TILE GX
architecture

Highest performance

8 mpps standard
forwarding
41.5 mpps fastpath
forwarding
(wire speed for all ports)
Up to 28Gbit/s
throughput

Full set of features

1U rackmount case
8x Gigabit ports
2x SFP+ ports
Color touchscreen LCD
Ports directly connected
to CPU

CPU	Tilera Tile-Gx36 CPU (36-cores, 1.2Ghz per core)
Memory	Two SODIMM DDR3 slots, 4GB (2x2GB) installed (no hardware or software max limit) CCR1036-8G-2S+EM: 16GB (2x8GB) RAM installed
Ethernet	Eight 10/100/1000 Mbit/s Gigabit Ethernet with Auto-MDI/X
SFP	Two 10G Ethernet SFP+ cages (Mini-GBIC; SFP module not included), DDMI support
Expansion	microUSB port, host and device mode
Storage	1GB Onboard NAND
Serial port	One DB9 RS232C asynchronous serial port
Extras	Reset switch; speed controlled fan; beeper; voltage, current and temperature monitoring
Power options	IEC C14 standard connector 110/220V (PSU included), up to 60W power consumption
Board dimensions	355x145mm55mm
Temperature	Max ambient temperature 50° @ 1.2GHz; 70° @ 1GHz CPU core frequency
OS	MikroTik RouterOS v6 (64bit), Level 6 license
Included	Router in a 1U case with LCD, PSU, power cable, usb cable