

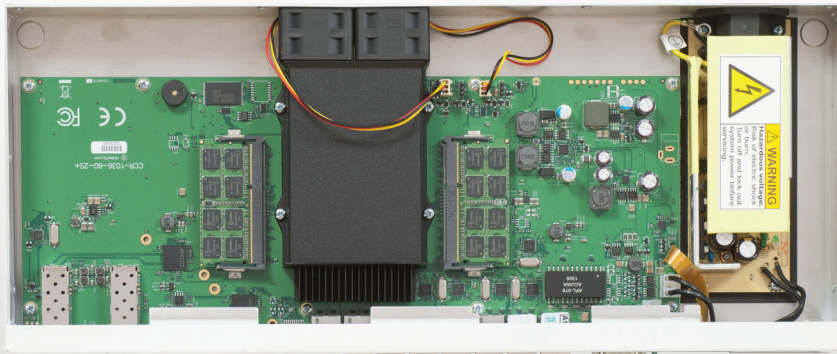
Cloud Core Router

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 Tiler 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

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|------------------|--|
| 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 |