

Cloud Core Router

CCR1036-12G-4S

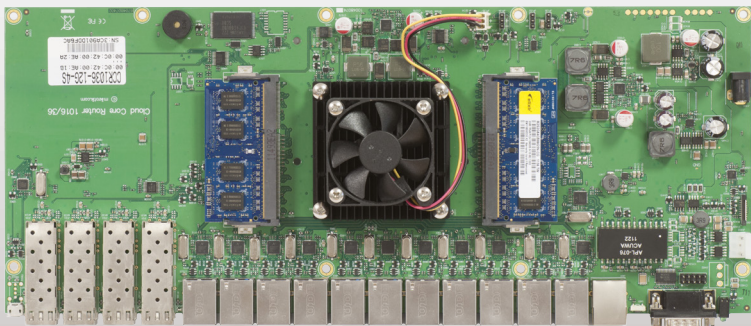
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CCR1036-12G-4S is an industrial grade router with cutting edge 36 core CPU! Unprecedented power and unbeatable performance - this is our new flagship device, the Cloud Core Router (CCR1036). If you need many millions of packets per second - Cloud Core Router with 36 cores is your best choice.

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

The CCR1036-12G-4S has two DDR3 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).



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
- 24 mpps fastpath forwarding (wire speed for all ports)
- Up to 16Gbit/s throughput

Full set of features

- 1U rackmount case
- 12x Gigabit ports
- 4x 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, 2x 2GB DDR3 10600 modules installed
Ethernet	Twelve 10/100/1000 Mbit/s Gigabit Ethernet with Auto-MDI/X
SFP	Four 1.25G Ethernet SFP cage (Mini-GBIC; SFP module not included)
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