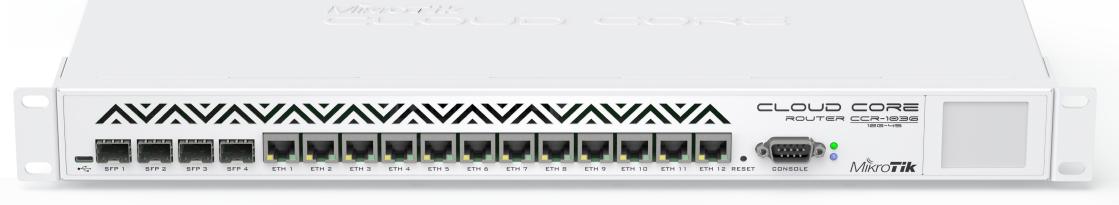
Cloud Core Router

CCR1036-12G-4S-EM



CCR1036-12G-4S-EM 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.

This new kit comes preinstalled with 16GB of RAM to provide you the absolute best performance possible in a MikroTik device.

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-EM has two DDR3 SODIMM slots, by default it is shipped with 16GB of RAM, and has no memory limit in RouterOS.



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 fastpathforwarding(wire speed for all ports)
- Up to16Gbit/s throughput

Full set of features

- 1U rackmount case
- 12x Gigabit ports
- 4x SFP ports
- Color touchscreen LCD
- Ports directly connected to CPU
- 16GB of RAM

| CPU | Tilera Tile-Gx36 CPU (36-cores, 1.2Ghz per core) |
|------------------|---|
| Memory | Two SODIMM DDR3 slots, 2x 8GB DDR3 10600 modules installed (16GB total) |
| 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 |