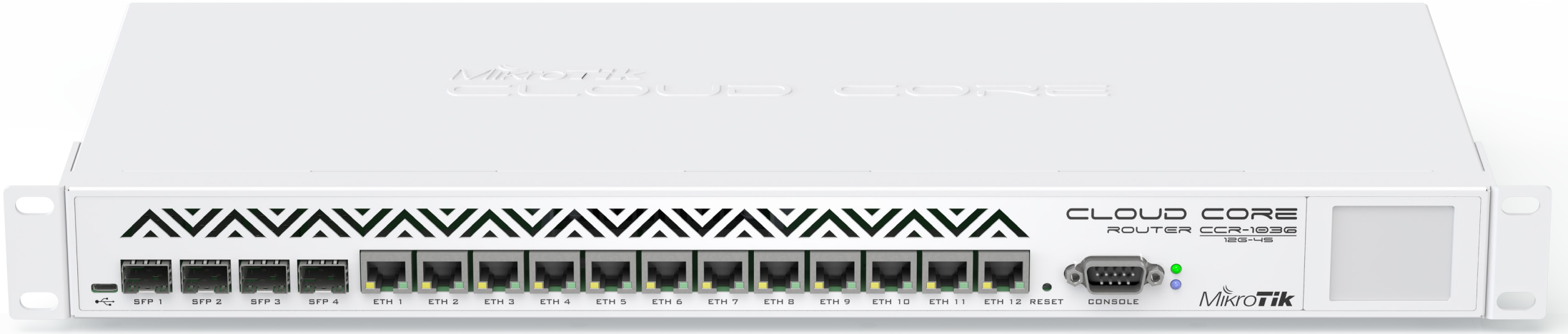
Cloud Core Router

CCR1036-12G-4S-EM

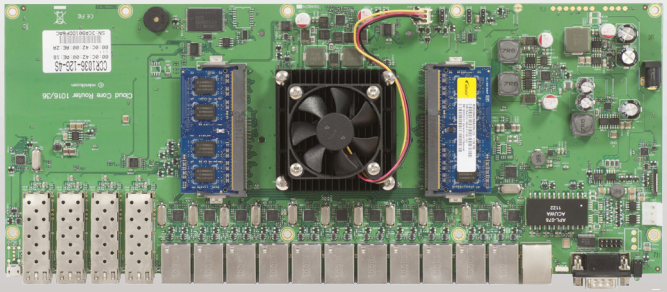


CCR1036-12G-4S-EM is an industrial grade router with cutting edge 36 core CPU! Unprecedented power and unbeatable performance - this is our new flagship device, the Cloud Core Router (CCR1036). If you need many millions of packets per second - Cloud Core Router with 36 cores is your best choice.

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 fastpath forwarding (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