
Mikrotik RouterBOARD CCR1016-12G Cloud Core Router

M-CCR1016-12G
EAN 9010386000502



CCR1016 is an industrial grade super fast router with cutting edge 16 core CPU. If you need many millions of packets per second - Cloud Core Router is your best choice. The device is available with a 1U rackmount case (CCR1016-12G) or without the case as a board unit (CCR1016-12G-BU), has twelve Gigabit ethernet ports, a serial console cable and a USB port. The CCR1016-12G has two SODIMM slots, by default it is shipped with 2GB of RAM, but has no memory limit in RouterOS (will accept and utilize 16GB or more).

- 16 core networking CPU, 1.2GHz clock per core
- 12 Mbytes total on-chip cache
- State of the art TILE GX architecture
- 12x Gigabit ports, all directly connected to CPU
- 1U rackmount case option
- Color touchscreen LCD display
- Up to 1.5 mpps throughput in regular mode
- Up to 17.8 mpps throughput in fastpath mode (wire speed)
- Up to 12 Gbps throughput with common RouterOS configurations
- CPU: Tiler Tile-Gx16 CPU (16-cores, 1.2Ghz per core)

- Memory: Two SODIMM DDR3 slots, 2x 1GB installed (no hw or software max limit)
- Ethernet Twelve 10/100/1000 Mbit/s Gigabit Ethernet with Auto-MDI/X
- Expansion: microUSB port, host and device mode
- Storage: 512MB Onboard NAND
- Serial port: One DB9 RS232C asynchronous serial port
- Extras: Reset switch; beeper; voltage, current and temperature monitoring; speed controlled fan
- Power options: IEC C14 standard connector 110/220V, Power jack (BU model only) and Passive PoE 24V. PSU included in both models.
- Board dimensions: 355x145mm55mm
- Temperature: Max ambient temperature 50° @ 1.2GHz; 70° @ 1GHz CPU core frequency
- OS: MikroTik RouterOS v6 (64bit), Level 6 license
- Included: CCR1016-12G: router in a 1U case with LCD, PSU, power cable, usb cable CCR1016-12G-BU: router, PSU, power cable, mounted LCD screen, usb cable

More images:

