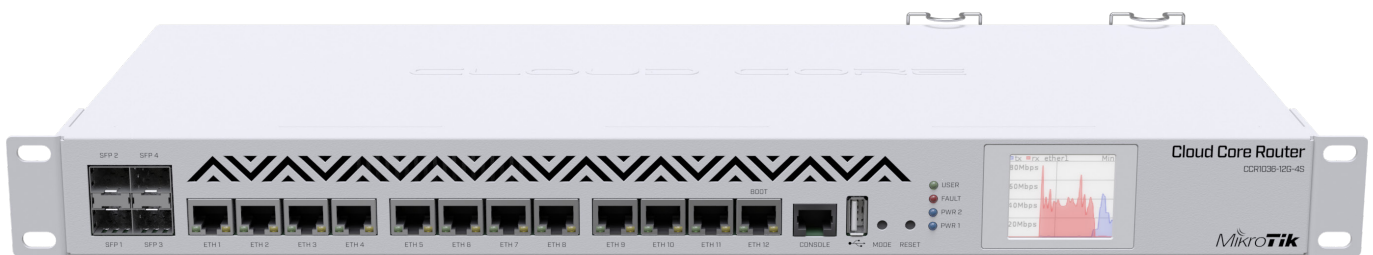


# CCR1036-12G-4S

CCR1036-12G-4S is an industrial grade router with cutting edge 36 core CPU. If your network requires to operate with 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.



- 36 core CPU
- 1.2 GHz clock per core
- 12 Mbytes total on-chip cache
- State of the art TILE GX architecture
- 28.8 mpps fastpath forwarding (wire speed for all ports)
- Up to 16 Gbit/s throughput
- 1U rackmount case
- 12 Gigabit Ethernet ports
- 4 SFP ports
- Color touchscreen LCD
- Ports directly connected to CPU



The new r2 version has onboard 4 GB of RAM (8 GB for CCR1036-12G-4S-EM model), onboard M.2 slot, full size USB slot and dual PSU for redundancy.

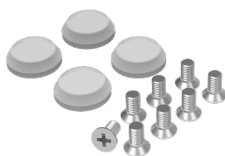
## Specifications

|                            |                                                  |                   |
|----------------------------|--------------------------------------------------|-------------------|
| Product code               | CCR1036-12G-4S                                   | CCR1036-12G-4S-EM |
| CPU                        | Tilera Tile-Gx36 CPU, 36 cores, 1.2 GHz per core |                   |
| Size of RAM                | 4 GB                                             | 8 GB              |
| Storage                    | 1 GB NAND, 512 KB flash                          |                   |
| 10/100/1000 Ethernet ports | 12                                               |                   |
| Supported input voltage    | AC power supply 100 - 240 V                      |                   |
| 1G SFP ports               | 4                                                |                   |
| Redundant supply           | Yes                                              |                   |
| USB port                   | USB type A                                       |                   |
| Serial port                | RJ45                                             |                   |
| Dimensions                 | 443 x 193 x 44 mm                                |                   |
| Operating temperature      | -20°C .. +60°C                                   |                   |
| Operating system           | RouterOS, License level 6                        |                   |
| Max power consumption      | 60 W                                             |                   |

## Included parts



2 IEC cords



Screw kit



Rack ears