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