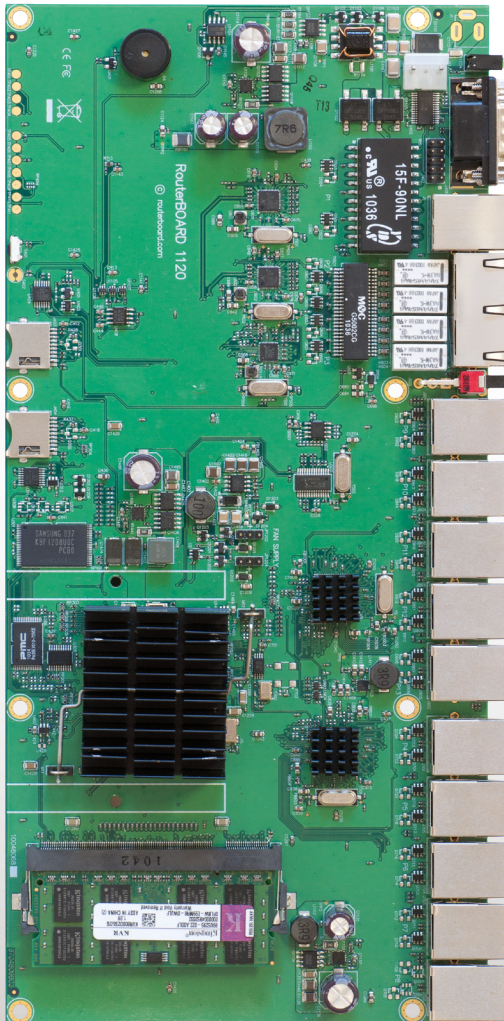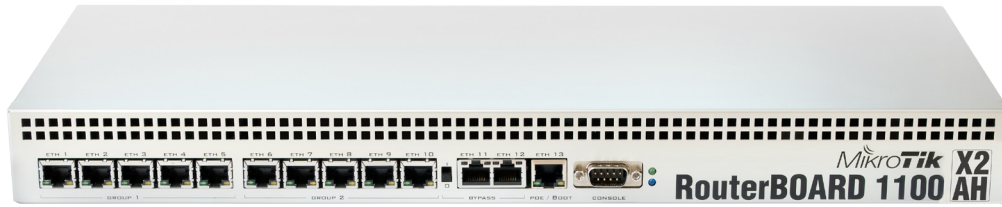# RB1100AHx2

This device is our best performance 1U rackmount Gigabit Ethernet router. With a dual core CPU, it can reach up to a million packets per second.

It has thirteen individual gigabit Ethernet ports, two 5-port switch groups, and includes Ethernet bypass capability.

2GB of SODIMM RAM are included, there is one microSD card slot, a beeper and a serial port.

The RB1100AH comes preinstalled in a 1U aluminium rackmount case, assembled and ready to deploy.

CPU	PowerPC P2020 dual core 1066MHz network CPU with IPsec accelerator
Memory	SODIMM DDR Slot, 2GB installed (RouterOS will use only up to 1.5GB)
Boot loader	RouterBOOT, 1Mbit Flash chip
Data storage	Onboard NAND memory chip, one microSD card slot
Ethernet	Thirteen 10/100/1000 Mbit/s Gigabit Ethernet with Auto-MDI/X
Ethernet	Includes switch to enable Ethernet bypass mode in two ports
miniPCI	none
Serial port	One DB9 RS232C asynchronous serial port
Extras	Reset switch, beeper, voltage and temperature sensors
Power options	Built-in power supply (IEC C14 standard connector 110/220V), PoE (12-24V on port 13)
Fan	Built in fans, and Fan headers
Dimensions	1U case: 44 x 176 x 442 mm, 1275g. Board only: 365g
Operating System	MikroTik RouterOS, Level 6 license