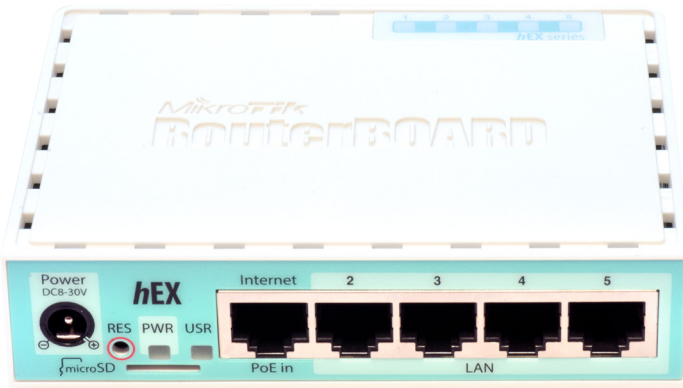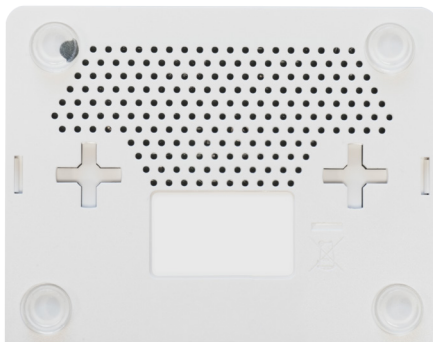# hEX

hEX is a five port gigabit ethernet router for locations where wireless connectivity is not required. The device has a USB 2.0 port. This new updated revision of the hEX brings several improvements in performance.

- hEX (revision 3)
- 880 MHz CPU, 2 cores and 4 threads
- 256 MB RAM
- microSD slot for "Dude Server" support
- Full size USB
- IPsec hardware acceleration ~450 Mbps
- Same form factor
- Same price

It is affordable, small and easy to use, but at the same time comes with a very powerful dual core 880MHz CPU and 256MB RAM, capable of all the advanced configurations that RouterOS supports. IPsec Hardware encryption (~450Mbps) and dude server package is supported, microSD slot on it also provides improved r/w speed for database storage on microSD card.

Performance comparison

Previous r2	64 byte	1518 byte	1400 byte
Bridging	396 Mbps	986 Mbps	986 Mbps
Routing	373 Mbps	986 Mbps	986 Mbps
AES-128	9 Mbps	52 Mbps	50 Mbps

New r3	64 byte	1518 byte	1400 byte
Bridging	523 Mbps	1972 Mbps	1972 Mbps
Routing	530 Mbps	1972 Mbps	1972 Mbps
AES-128	21 Mbps	472 Mbps	450 Mbps

Specifications

Product code	RB750Gr3
CPU nominal frequency	880 MHz
CPU core count	2
Size of RAM	256 MB
10/100/1000 Ethernet ports	5
PoE in	Yes
Supported input voltage	8 - 30 V
PCB temperature monitor	Yes
Voltage Monitor	Yes
USB	Yes, type A 2.0
Hardware encryption	Yes
Dude server package support	Yes
Dimensions	113x89x28mm
License level	4
Operating System	RouterOS
CPU	MT7621A
Max Power consumption	5 W
Suggested price	$59.95

Included

24V 0.38A Power
adapter

PulseSupply
pulsesupply.com

909 Ridgebrook Road.,Sparks,Maryland 21152,USA
TEL : +1-410-583-1701 FAX : +1-410-583-1704
E-mail: sales@pulsesupply.com
https://www.pulsesupply.com/microtik-products