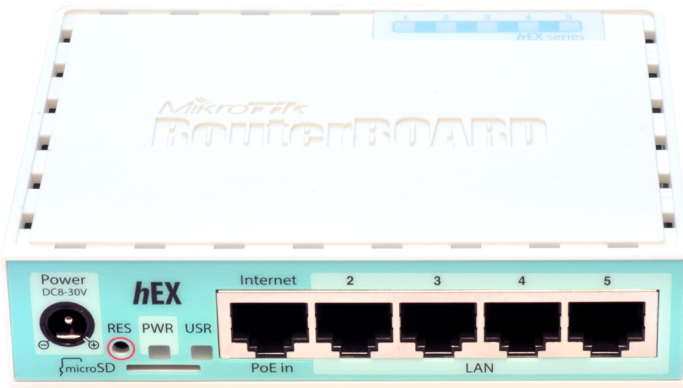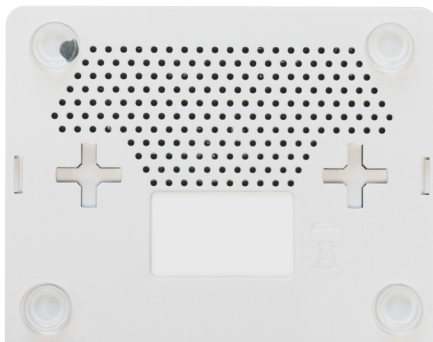# hEX

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
- Full size USB
- IPsec hardware acceleration ~470mbps
- 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 (~470Mbps) 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	-
Routing	373 Mbps	396 Mbps	-
AES-128	-	-	40 Mbps

New r3	64 byte	1518 byte	1400 byte
Bridging	523 Mbps	1640 Mbps	-
Routing	530 Mbps	1640 Mbps	-
AES-128	-	-	472 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