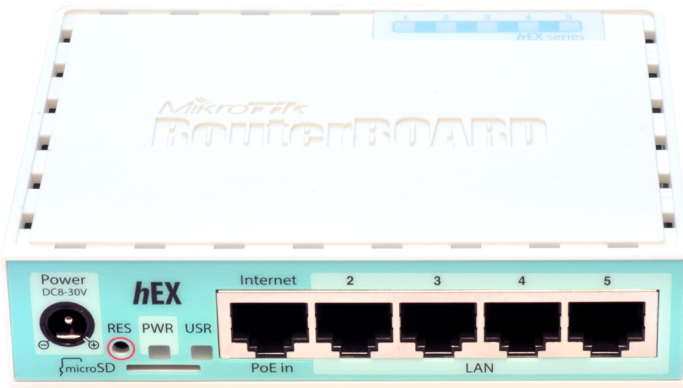


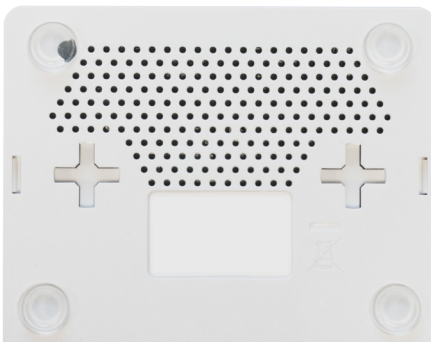
hEX

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 | | New r3 | 64 byte | 1518 byte | 1400 byte |
|----------|-------------|----------|-----------|-----------|---|----------|----------|-----------|-----------|
| Bridging | 396 Mbps | 986 Mbps | 986 Mbps | | ➔ | Bridging | 523 Mbps | 1972 Mbps | 1972 Mbps |
| Routing | 373 Mbps | 986 Mbps | 986 Mbps | | | Routing | 530 Mbps | 1972 Mbps | 1972 Mbps |
| AES-128 | 9 Mbps | 52 Mbps | 50 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 |

Included



24V 0.38A Power adapter

