



# hEX

The classic hEX refresh: same price, twice the performance!

The staple of affordable routing for every home is back – stronger than ever.



| #1          | #2       | #3      |
|-------------|----------|---------|
| old hEX     |          |         |
| 1764        | 1802.2   | 766.4   |
| hEX refresh |          |         |
| 4132.4      | 3646.6   | 1430.3  |
| +134.26%    | +102.34% | +86.63% |



512 MB RAM



DC JACK, POE-IN



5X GIGABIT  
ETHERNET PORTS



MODERN  
DUAL-CORE  
ARM CPU

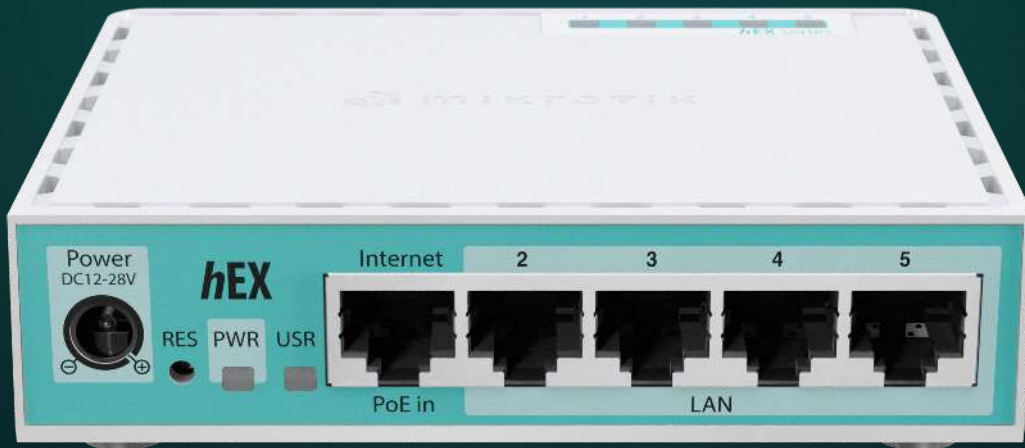


ROUTEROS V7



USB

The affordable, reliable router you know and trust is now stronger than ever. With the latest refresh, the hEX delivers twice the performance for the same great price. Whether you're looking for a rock-solid solution for your home or small office, hEX ensures seamless and stable connectivity with a powerful upgrade: we've **increased the RAM from 256 MB to 512 MB**, and replaced the **CPU** with a **modern ARM dual-core** workhorse!



Depending on your config, the performance increase can reach 100-134%!

|                            | Bridging (fast path)<br>Mbps (1518) | Routing (fast path)<br>Mbps (1518) | Routing (25 ip filter rules)<br>Mbps (1518) |
|----------------------------|-------------------------------------|------------------------------------|---------------------------------------------|
| old hEX (RB750Gr3)         | 1764                                | 1802.2                             | 766.4                                       |
| <b>hEX refresh (E50UG)</b> | <b>4132.4</b>                       | <b>3646.6</b>                      | <b>1430.3</b>                               |
|                            | <b>+134.26%</b>                     | <b>+102.34%</b>                    | <b>+86.63%</b>                              |

*With 5x Gigabit Ethernet ports, hEX is the most cost-effective way to interconnect your main home or office devices. And you can use the full-sized USB port to add extra storage to stream high-quality media across devices!*



## • Specifications

|                             |                              |
|-----------------------------|------------------------------|
| Product code                | E50UG                        |
| CPU                         | Dual-Core EN7562CT 950 MHz   |
| CPU architecture            | ARM                          |
| Size of RAM                 | 512 MB                       |
| RAM type                    | DDR3                         |
| Storage                     | 128 MB, NAND                 |
| Number of 1G Ethernet ports | 5                            |
| USB port                    | 1 type A                     |
| Switch chip model           | EN7562CT                     |
| Dimensions                  | 113 x 89 x 28 mm             |
| Operating system            | RouterOS v7, License level 4 |
| Operating temperature       | -40°C to +70°C               |

## • Powering

|                                           |                     |
|-------------------------------------------|---------------------|
| Number of DC inputs                       | 2 (PoE-In, DC jack) |
| PoE-In input Voltage                      | 12-28 V             |
| DC jack input Voltage                     | 12-28 V             |
| Power adapter nominal voltage             | 24 V                |
| Power adapter nominal current             | 0.38 A              |
| PoE-In                                    | Passive PoE         |
| Max power consumption without attachments | 4 W                 |
| Max power consumption                     | 10 W                |

## • Included parts



24 V 0.38 A  
power adapter