# MikroTik

## MT-KEY86-L4

### MikroTik RouterOS Level 4 License Key – PC/X86 Systems Only

The MT-KEY86-L4 is a software key, that upgrades the PC in question to a level 4 license. This opens up all options in the software and allows you to make a limited number of connections that you need. Limited to 200x VPN, PPPoE, PPTP, and hotspot connections.

### Change License Level

1. There are no license level upgrades, if you wish to use a different license Level, please purchase the appropriate level. Be very careful when purchasing for the first time, choose the correct option.

2. Why is it not possible to change license level (i.e. upgrade licenses?)
   Just like you can't easily upgrade your car's engine from a 2L to a 4L just by paying the difference, you can't switch license levels as easily. This is a policy used by many software companies; choose wisely when making your purchase.

| Level number | 4 (WISP) |
|---|---|
| Initial Config Support | 15 days |
| Wireless AP | yes |
| Wireless Client and Bridge | yes |
| RIP, OSPF, BGP protocols | yes |
| EoIP tunnels | unlimited |
| PPPoE tunnels | 200 |
| PPTP tunnels | 200 |
| L2TP tunnels | 200 |
| OVPN tunnels | 200 |
| VLAN interfaces | unlimited |
| HotSpot active users | 200 |
| RADIUS client | yes |
| Queues | unlimited |
| Web proxy | yes |
| User manager active sessions | 20 |
| Number of KVM guests | unlimited |

All Licenses:
- Never expire
- Includes 15 – 30 day free support over e-mail
- Can use unlimited number of interfaces
- Are for one installation each
- Offer unlimited software upgrades

### Using the License

#### Can I format or Re-Flash the drive?
Formatting and Re-Imaging the drive with non-MikroTik tools (like DD and Fdisk) will destroy your license! Be very careful and contact MikroTik support before doing this. It is not recommended, as MikroTik might deny your request for a replacement license. For this use MikroTik provided tools Netinstall or CD-install that are freely available from our download page.

#### How many computers can I use the License on?
At the same time, the RouterOS license can be used only in one system. The License is bound to the HDD it is installed on, but you have the ability to move the HDD to another computer system. You cannot move the License to another HDD, neither can you format or overwrite the HDD with the RouterOS license. It will be erased from the drive, and you will have to get a new one. If you accidently removed your license, contact the support team for help.

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## Can I temporarily use the HDD for something else, other than RouterOS?
As stated above, no.

## Can I move the license to another HDD?
If your current HDD is destroyed, or can no longer be used, it is possible to transfer the license to another HDD. You will have to request a replacement key which will cost you a nominal fee.

## What is a Replacement Key?
It is a special key which is issued by the Support Team if you accidently lose the license, and MikroTik Support decides that it is not directly your fault. It will cost a nominal fee, but has the same features as the key you lost. Note that before issuing a replacement key, MikroTik Support can ask you to prove that the old drive has failed, in some cases this would mean sending MikroTik the dead drive.

> Note: We may issue only one replacement key per one original key, using the replacement key procedure twice for one key is not possible. In cases like this, a new key must be purchased for the RouterOS device.

## Must I type the whole key into the router?
No, simply copy it and past it into the Telnet window, or License menu in Winbox.
Copy license to Telnet Window (or Winbox New Terminal),

Another option is to use Winbox License Window, click on System - License

## Can I install another OS on my drive and the install RouterOS again later?
No, because if you use formatting or partitioning utilities, or tools that do something to the MBR, you will lose the license and you will have to make a new one. This process is not free (see Replacement Key above)

## I lost my RouterBOARD, can you give me the license to use on another system?
The RouterBOARD comes with an embedded license. You cannot move this license to a new system in any way, this includes upgrades applied to the RouterBOARD while it was still working