

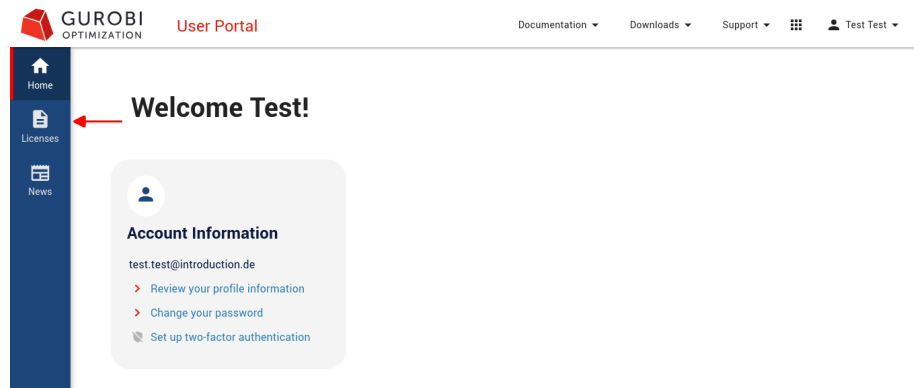
# Gurobi licensing instructions

## Create a Gurobi account

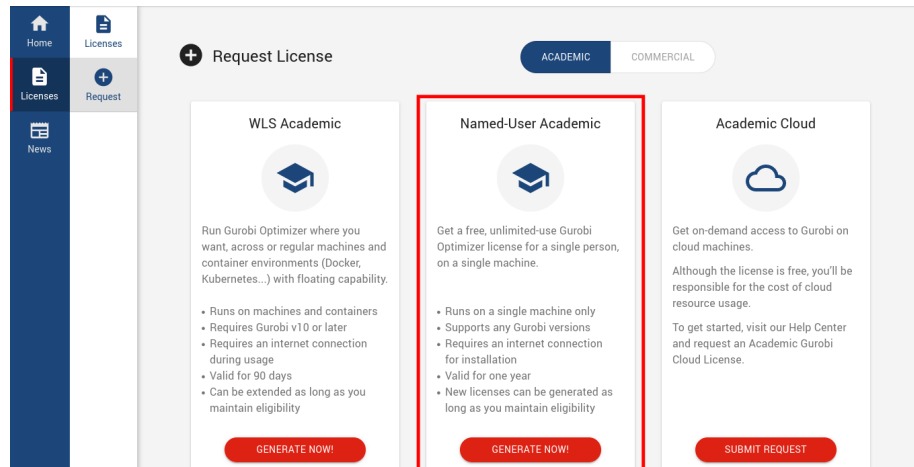
Go to the Gurobi Website and create an account. If you need it for academic purposes, which is covered here, then use your university email account and select your purpose as academic.

## Create a License

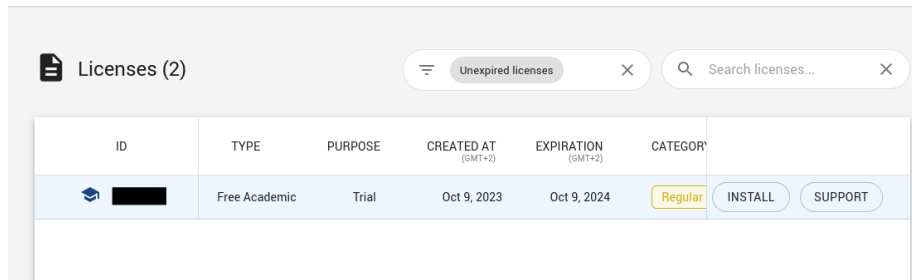
Specific licenses are free and you can use them with your academics account. Before we can retrieve and install a license we have to create one. Got to their portal and log in with your newly created account. After that you should be in your dashboard and then you can click on **Licenses**:




There will now be a second navigation on the left side with **Licenses** and **Request**. Click on **Request** and generate the **Named-User Academic-License**:



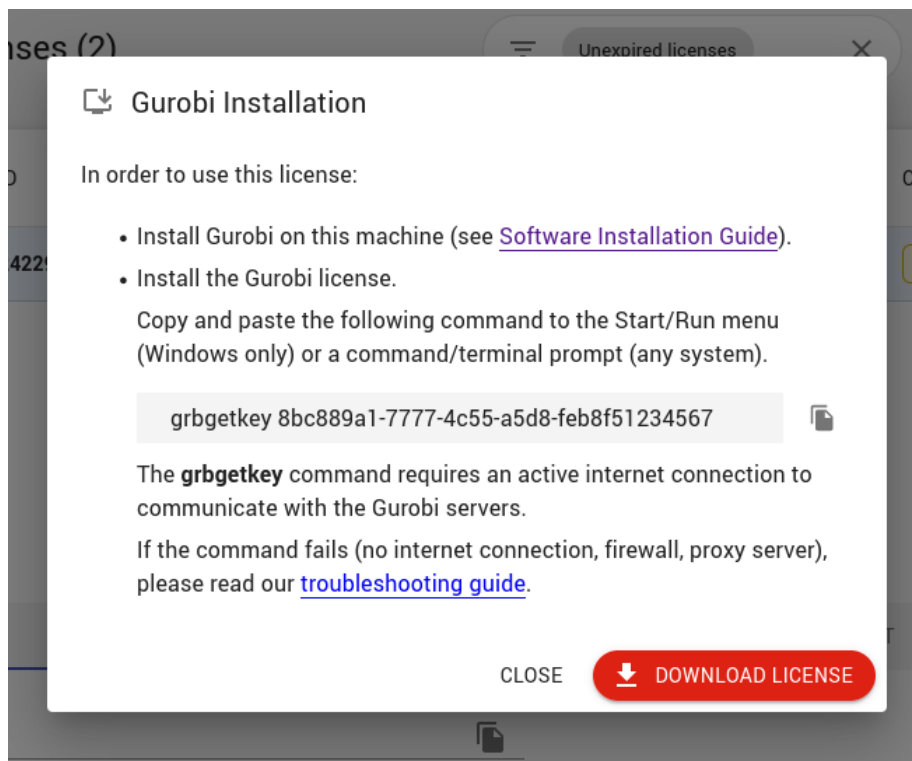
After that, go back to the **Licenses** page. It should now look like this:



The screenshot shows the 'Licenses (2)' page with a filter for 'Unexpired licenses'. A table lists the license details, and an 'INSTALL' button is visible next to the license entry.

ID	TYPE	PURPOSE	CREATED AT (GMT+2)	EXPIRATION (GMT+2)	CATEGORY	
 [REDACTED]	Free Academic	Trial	Oct 9, 2023	Oct 9, 2024	Regular	<b>INSTALL</b> <b>SUPPORT</b>

Now click on **Install**, a modal should open up which looks like this:



The modal window titled 'Gurobi Installation' provides instructions for using the license. It includes a list of steps, a command to copy, and a 'DOWNLOAD LICENSE' button.

**Gurobi Installation**

In order to use this license:

- Install Gurobi on this machine (see [Software Installation Guide](#)).
- Install the Gurobi license.

Copy and paste the following command to the Start/Run menu (Windows only) or a command/terminal prompt (any system).

```
grbgetkey 8bc889a1-7777-4c55-a5d8-feb8f51234567
```

The **grbgetkey** command requires an active internet connection to communicate with the Gurobi servers.

If the command fails (no internet connection, firewall, proxy server), please read our [troubleshooting guide](#).

**CLOSE** **DOWNLOAD LICENSE**

We will need the command for the next section, so keep the window open. You may also close it and reopen it later when you need the key.

## Install Gurobi

Before you can use the license for gurobipy, you have to install the license on your computer. The simplest solution is to get the optimizer package and to just execute the `grbgetkey` command from there.

First, you need to download the Gurobi Optimizer package for Linux from the Gurobi website.

Once downloaded, navigate to the directory containing the downloaded file and run:

```
tar xvfz gurobi10.0.3_linux64.tar.gz
cd gurobi1003/linux64/bin
```

Now execute the command from the window before and prepend `./` to it, to execute the local binary:

```
./grbgetkey [YOUR_KEY]
```

This command will put a `gurobi.lic` file in `/opt/gurobi1003` and your home directory. If this didn't happen, please consult the gurobi documentation and/or download the file and place them at these directories yourself.

Please note, that the version you need may change and that you have to adjust the version to the commands you use.

## Troubleshooting

### Gurobipy doesn't read my license files

With every install of gurobipy, a free license is automatically delivered which is taken up by the package in case it doesn't find any files in the specified directories `/opt/gurobi1003` (For version 10.0.3) or `/home/$USER`. a simple, but rather dirty solution is to copy the license file from one of the location to the location with the free license. If you use a Virtual Environment, it may be at this location: `.venv/lib/python3.11/site-packages/gurobipy/.libs/gurobi.lic`. Please note, that this is not an optimal solution and the path may change with the python interpreter of your virtual environment.