

Setting Up - Gurobi

Set Up Gurobi

- Register
 - Click [here](#) to **register** for a free Gurobi account as an academic, and **log in** before the following processes!
- Download
 - Click [here](#) to download **Gurobi Optimizer**
 - Which version do you need?
 - Check the **Release Notes** of each version to see the supported platforms and version of languages (MATLAB), e.g., the [note of v.10.0.1](#)

Set Up Gurobi

- Installation
 - For Windows and Mac users, you can simply **double-click** on the installer you downloaded. It will guide you through the installation process
 - For Linux and AIX users, follow the guidance [here](#)
- Get a license
 - Step 1: Visit [here](#) to request a free Named-User License

Set Up Gurobi

+ Request License

ACADEMIC COMMERCIAL

Free License Options for Academic Users

WLS Academic



Run Gurobi Optimizer where you want, across or regular machines and container environments (Docker, Kubernetes...) with floating capability.

- Runs on machines and containers
- Requires Gurobi v10 or later
- Requires an internet connection during usage
- Valid for 90 days
- Can be extended as long as you maintain eligibility

GENERATE NOW!

Named-User Academic



Get a free, unlimited-use Gurobi Optimizer license for a single person, on a single machine.

- Runs on a single machine only
- Supports any Gurobi versions
- Requires an internet connection for installation
- Valid for one year
- New licenses can be generated as long as you maintain eligibility

GENERATE NOW!

Academic Cloud



Get on-demand access to Gurobi on cloud machines.

Although the license is free, you'll be responsible for the cost of cloud resource usage.

To get started, visit our Help Center and request an Academic Gurobi Cloud License.

SUBMIT REQUEST



Click "GENERATE NOW" in the Named-User Academic block.

Set Up Gurobi

- Get a license
 - Step 2: Receive the key, e.g., e91e8da4-b459-11ed-890e-0242ac120005
 - Step 3: Install the license by

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

```
grbgetkey e91e8da4-b459-11ed-890e-0242ac120005
```



Set Up Gurobi

- Get a license
 - If “grbgetkey command not found”, use the following command (or see the [troubleshooting guide](#))
 - Linux:** `/opt/gurobi1001/linux64/bin/grbgetkey e91e8da4-b459-11ed-890e-0242ac120005`
 - MacOS:** `/Library/gurobi1001/macos_universal2/bin/grbgetkey e91e8da4-b459-11ed-890e-0242ac120005`
 - Windows:** `C:\gurobi1001\win64\bin\grbgetkey e91e8da4-b459-11ed-890e-0242ac120005`
 - Note: “gurobi1001” depends on the version installed
 - Or: Go to the path, open grbgetkey, input the key

Set Up Gurobi

- Set up for MATLAB
 - Go to the following directory;
 - Linux:** /opt/gurobi1001/linux64/matlab
 - MacOS:** /Library/gurobi1001/macos_universal2/matlab
 - Windows:** C:\gurobi1001\win64\matlab
 - Again, “gurobi1001” depends on the version installed
 - Run file gurobi_setup.m using MATLAB
- Test
 - In the Command Window of MATLAB, run yalmiptest
 - If succeed, GUROBI will be found in the solver list

Set Up Gurobi

- Reminder:
 - For Mac users, put the license file gurobi.lic into the User folder (which is also the default location when you install the license => don't change it). Otherwise, Gurobi may fail.
 - For Windows users, restart your computers if you are asked to do so by the operating system after you install the license. Otherwise, you may need to set up the environment variable for Gurobi manually.

Set Up Gurobi

- Reminder:
 - For those who used Gurobi before:
 - Make sure your license is still valid; If expired, you may get an error when solving exercises:
 - Error: Dot indexing is not supported for variables of this type
 - To renew your license, check [here](#)