

TINA installation guide for Linux

TINA runs by using the Wine Windows emulator available for Linux. So prior to using TINA, Wine must be set up. Please visit <https://www.winehq.org/> for more information on this.

Be sure to run `winecfg` after installing wine (you will have `$HOME/.wine`).

Installing TINA

The setup package is provided as tar.gz archive. The installation steps are these:

1. Extract the contents of the archive to any directory you have access to. For example in File manager use the right-click menu and choose "Extract". Or open it by double-clicking and Extract it with an archive manager program. Be sure to extract the package with subdirectories.
2. Navigate to the extracted directory "tinainstaller" and execute the file "setup".
3. The setup program downloads the necessary files and installs TINA under the Wine system.

When the setup is ready, you can launch TINA in the following ways:

- use the Desktop launcher icon, if you chose to create it when the installer asked. On some Linux systems it may be necessary to first activate the icon by right-clicking on it and clicking "Allow launching" in the context menu.
- on Linux systems with the Fly Start Menu you will find a menu for TINA with its main programs and help files, you can click on these.
- there are helper programs for Wine that provide a Start menu similar to Windows. There you will find the start menu of TINA.

Removing TINA

You can uninstall TINA the following ways:

- From Wine or Fly Start menu by clicking on "Uninstall TINA"
 - From a terminal window by typing "wine uninstaller" and then selecting TINA from the list and clicking on "Remove".
- The desktop launcher icon and the optional Fly Start menu must be deleted manually.

Saving the complete TINA installation package

After you have successfully installed TINA, the folder where the installer was extracted contains the additionally downloaded setup files too. You can make an archive of this folder so a complete TINA installer will be available for you later. It is recommended to save this complete folder as the download links may expire after some time.

Using the AI Assistant with GPU support on Linux

Using the AI Assistant with a service that does not require online subscription is possible in TINA. On the first use of AI Assistant instructions are shown by TINA on how to download and install that AI Software to your computer. (TINA15 uses the software called Ollama). You must install the native Linux version of this software. At the moment of creating this document, video cards with higher end Nvidia GPU's can take advantage of the accelerated performance.

You can check the actual utilization of the GPU with the command `"nvidia-smi"` or `"nvidia-smi --loop=1"` while running a query in the AI Assistant. It may also be necessary to add the used model manually to this Linux AI software with a command if it was not done automatically.

Known issues:

With some versions of Wine the 3D Viewer in TINA is not working. Upgrading Wine to the latest version or modifying Wine system settings regarding OpenGL may help. There's a program called "Winetricks" that may especially be helpful. We also found that newer Linux distributions work better than older.

If there are problems launching TINA, it may be necessary to position the current working directory to the location of the TINA.exe binary file before launching the program through Wine. You can find this location from the TINA icon or by searching for TINA