

LaTeX

INSTALLATION - WINDOWS

The Standard these days is [MikTeX](#). As of this writing the current version is 2.9. There are several installers:

- **Basic Installer** - This is a minimal setup meant to be installed on machines with limited space and it downloads from the website quicker.
- **Net Installer** - This is a complete TeX/LaTeX system, providing all LaTeX packages and it is huge.
- **MikTeX Portable** - This gives a portable version that can be used on a memory stick.

- 1 Go to the [MikTeX](#) site and navigate to the download page.
- 2 Select an installer.
- 3 After [MikTeX](#) is installed, you can edit using TeXworks or install your own editor.
 - a To open TeXworks: Check the Start Menu Programs - MikTeX 2.9 - TeXworks.
 - b You might want to make a shortcut to this on the desktop.
 - c You can also type texworks in the Run box.

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INSTALLATION - MAC

When installing LaTeX, two following options are given to users.

- 1 Install MacTeX with builtin editor(TexLive) - (2GB)
- 2 Install BasicTeX only (100MB) + your personal LaTeX editor

Option 1 (Full LaTeX installation with LaTeX editor):

Download [MacTeX](#). For more details about MacTeX: [Click Here](#).

Since MacTeX installs an LaTeX editor ([TexMaker](#)) already, installing another LaTeX editor is unnecessary.

Option 2 (BasicTeX + Custom LaTeX editor):

Download [BasicTeX](#). For more details about BasicTeX: [Click Here](#).

Pick one of the following LaTeX editors: LaTeX Editor's:

- 1 [TexMaker](#)
- 2 [TeXstudio](#)
- 3 [TeXworks](#)
- 4 [TeXShop](#)
- 5 [LyX](#)
- 6 [TeXlipse](#)

MacTeX vs BasicTeX

MacTeX includes additional programs such as an editor and a BibTeX reference manager that help users to work with TeX outside of the command line. BasicTeX does not include these GUI programs. The trade-off that comes with using BasicTeX is that you will have to download and install additional packages and programs as the need arises- and BasicTeX is so basic that the need will arise. So, after installing BasicTeX you will be faced with the tasks of installing additional programs and installing missing packages.