

Install Docker in Windows 11

System Requirements

Before installing Docker, ensure that your system meets the following requirements:

- Windows 11 64-bit (Home, Pro, Enterprise, or Education version 21H2 or higher)
- 64-bit processor
- 4GB system RAM
- WSL2 (Windows Subsystem for Linux) or Hyper-V enabled For

more information, visit the [Docker system requirements page](#).

Download Docker Desktop

1. Sign up for a Docker account on the [Docker website](#).
2. Download Docker Desktop for Windows from the [Docker Hub](#).

Enable WSL2 and Hyper-V (if not already enabled)

1. Open 'Turn Windows features on or off' by searching for it in the Start menu.
2. Enable 'Windows Subsystem for Linux' and 'Hyper-V'.
3. Click 'OK' and restart your computer if necessary.

Verify WSL2 and Docker Installation

1. Open a command prompt or PowerShell window.
2. Run the command `wsl --status` to check the status of WSL2.
3. Run the command `wsl --update` to update WSL2.
4. Run the command `wsl --set-default-version 2` to set WSL2 as the default version.
5. Run the Docker Desktop installer and follow the on-screen instructions to complete the installation.

Use Docker

1. Check the Docker version by running the command `docker version`.
2. List Docker images by running the command `docker images`.
3. Search for Docker images by running the command `docker search <image-name>`.

Troubleshooting

If Docker is not starting, ensure that WSL2 is enabled. If it is not, follow the instructions in the [official documentation](https://docs.microsoft.com/en)