

Docker Installation Guideline

<나는 강화학습으로 축구한다>

Docker Desktop 설치 URL: <https://docs.docker.com/get-started/get-docker/>

Window Users

대부분의 Windows PC → Download for Windows – AMD64

ARM 기반 Windows → Download for Windows – ARM64

확인 방법:

- 설정 → 시스템 → 정보(About)
- “시스템 종류”에 **ARM 기반 프로세서**라고 적혀 있으면 ARM64
- **x64 기반 프로세서**면 AMD64

Docker 로그인(계정 생성 및 로그인)

본인 laptop이 windows라면 아래와 같은 곳을 클릭

The screenshot shows the Docker Documentation website with the URL <https://docs.docker.com/get-started/>. The page title is "Get Docker". On the left, there's a sidebar with a "Get Docker" section containing links to "What is Docker?", "Introduction", "Docker concepts", "Docker workshop", and "Educational resources". The main content area starts with a paragraph about Docker being an open platform for developing, shipping, and running applications. It explains that Docker allows separating applications from infrastructure and managing infrastructure like applications. It notes that by using Docker's methodologies, you can significantly reduce the delay between writing code and running it in production. Below this, there's a note about downloading Docker on multiple platforms and choosing the best installation path. A "Docker Desktop terms" section follows, mentioning commercial use requirements. Three installation options are listed: "Docker Desktop for Mac" (native macOS application), "Docker Desktop for Windows" (native Windows application), and "Docker Desktop for Linux". The "Docker Desktop for Windows" option is highlighted with a red border.

Get Docker

Docker is an open platform for developing, shipping, and running applications.

Docker allows you to separate your applications from your infrastructure so you can deliver software quickly. With Docker, you can manage your infrastructure in the same ways you manage your applications.

By taking advantage of Docker's methodologies for shipping, testing, and deploying code quickly, you can significantly reduce the delay between writing code and running it in production.

You can download and install Docker on multiple platforms. Refer to the following section and choose the best installation path for you.

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) requires a [paid subscription](#).

Docker Desktop for Mac
A native application using the macOS sandbox security model that delivers all Docker tools to your Mac.

Docker Desktop for Windows
A native Windows application that delivers all Docker tools to your Windows computer.

Docker Desktop for Linux

Beta 버전이 존재하지만 안정성을 위해 [Docker Desktop for Windows - x86_64] 다운

[dockerdocs](#)

Get started Guides **Manuals** Reference

Manuals

- Docker Build
- Docker Build Cloud
- Docker Compose
- Docker Desktop
- Install
- Mac
- Understand permission requirem...
- Windows**
- Understand permission requirem...
- Use the MSI installer
- Linux
- Sign in
- Explore Docker Desktop
- Dev Environments (Beta)

Home / Manuals / Docker Desktop / Install / Windows

Install Docker Desktop on Windows

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR m annual revenue) requires a [paid subscription](#).

This page contains the download URL, information about system requirements, and instructions for installing Docker Desktop for Windows.

[Docker Desktop for Windows - x86_64](#)

[Docker Desktop for Windows - Arm \(Beta\)](#)

For checksums, see [Release notes](#)

System requirements

 Tip

다운 받은 설치 파일을 더블클릭 해서 설치 진행



[Add shortcut to desktop]을 체크한 후 [OK]를 클릭

Configuration

Add shortcut to desktop

OK

[Close and restart]를 클릭하여 컴퓨터를 재부팅

Docker Desktop 4.34.3

Installation succeeded

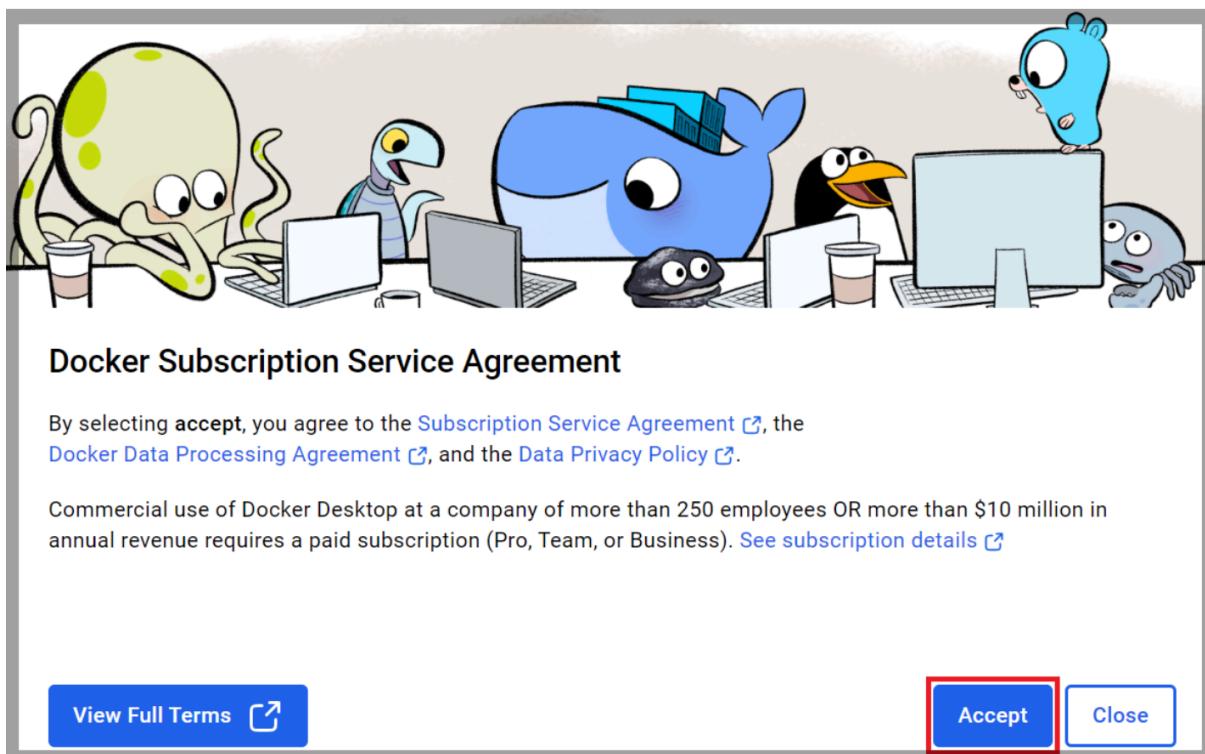
You must restart Windows to complete installation.

Close and restart

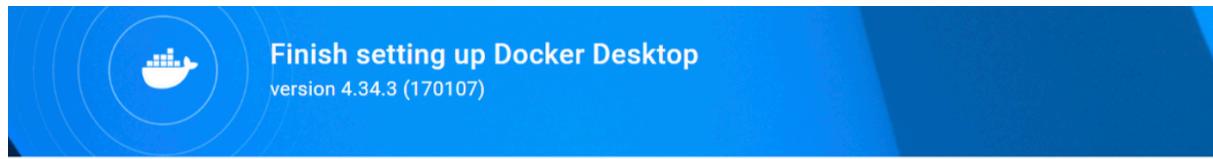
Docker Desktop 설치 환료 후 바탕화면에 아이콘이 생성 → 아이콘을 더블클릭



Docker 약관에 대한 내용 [Accept] 클릭



자동 셋팅된 설치를 하기 위해 [Use recommended settings]를 선택 후 [Finish] 클릭



Complete the installation of Docker Desktop.

- Use recommended settings (requires administrator password)

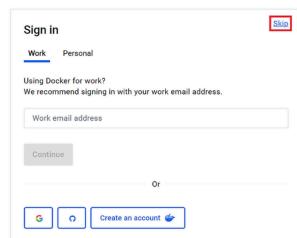
Docker Desktop automatically sets the necessary configurations that work for most developers.

- Use advanced settings

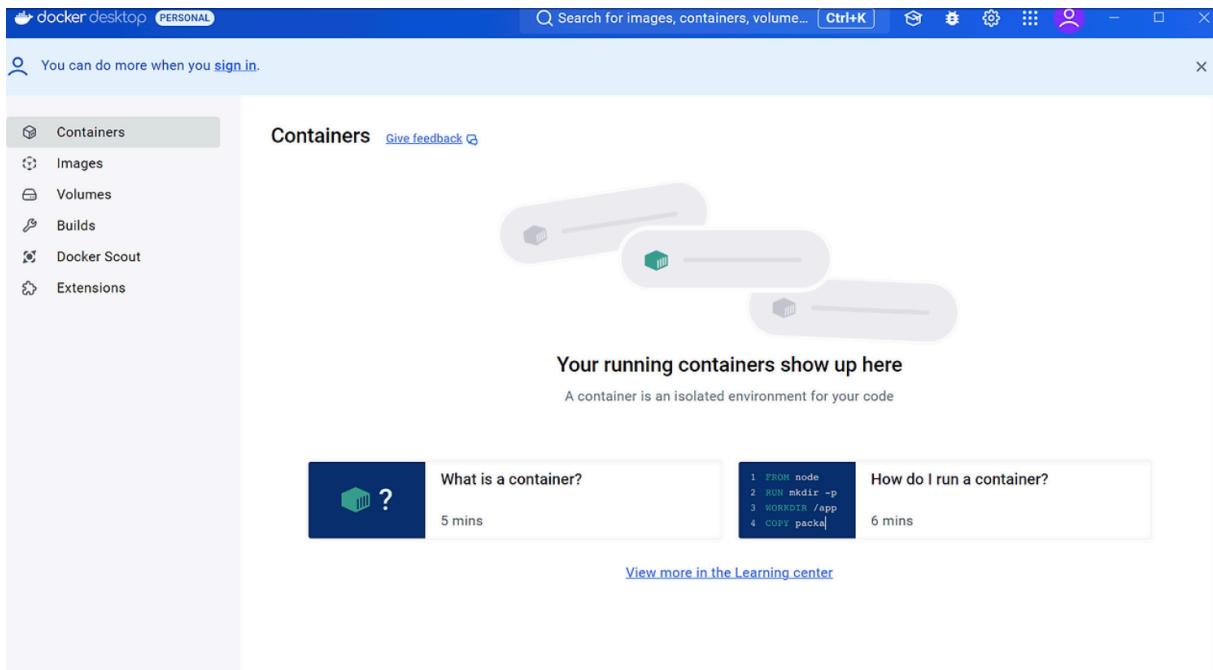
You manually set your preferred configurations.

Finish

당장 해당되지 않는 부분들은 Skip



이 화면이 뜨면 Docker Desktop 설치가 정상적으로 완료되었습니다.



본인 CMD/Powershell에 들어가서 아래와 같이 command

docker pull을 통해 이미지 불러오기

```
docker pull hisplan/gfootball:2.10.2-facamp.1
```

이미지 확인

```
docker images | grep hisplan/gfootball
```

윈도우 CMD/Powershell에서는 grep이 없을 수 있음

PowerShell의 경우:

```
docker images | Select-String hisplan/gfootball
```

CMD의 경우:

```
docker images | findstr hisplan/gfootball
```

Mac Users

Apple Silicon (M1/M2/M3/M4) → Download for Mac – Apple Silicon

확인 방법:

- 화면 왼쪽 상단  → 이 Mac에 관하여
- "칩(Chip)"에 **Apple M1 / M2 / M3** 라고 뜨면

Intel Mac → Download for Mac – Intel Chip

확인 방법:

- "프로세서(Processor)"에 **Intel**이라고 뜨면

윈도우와 마찬가지로 docker을 설치 후

terminal에 접속하여 아래와 같은 command 실행

docker pull을 통해 이미지 불러오기

```
docker pull hisplan/gfootball:2.10.2-facamp.1
```

이미지 확인

```
docker images | grep hisplan/gfootball
```