1、[Windows 容器中的 GPU 加速 | Microsoft Learn](https://learn.microsoft.com/zh-cn/virtualization/windowscontainers/deploy-containers/gpu-acceleration)

<https://learn.microsoft.com/zh-cn/virtualization/windowscontainers/deploy-containers/gpu-acceleration>

2、安装docker

[在 Windows 中配置 Docker | Microsoft Learn](https://learn.microsoft.com/zh-cn/virtualization/windowscontainers/manage-docker/configure-docker-daemon)

<https://learn.microsoft.com/zh-cn/virtualization/windowscontainers/manage-docker/configure-docker-daemon>

3、windows11 搭建 docker环境

3.1、Win+R 输入dxdiag 查看WWDM版本，更新显卡驱动，WWDM>2.5；

<https://www.dell.com/zh-cn>

DELL官网   输入电脑型号，下载驱动

3.2 验证Hyper-V是否满足，参考[Windows 10 Hyper-V 系统要求 | Microsoft Learn](https://learn.microsoft.com/zh-cn/virtualization/hyper-v-on-windows/reference/hyper-v-requirements)，在powershell 中输入systeminfo，查看Hyper-V要求，全部是yes。

3.3 打开Hyper-v功能，在“控制面板->启用或关闭Windows功能->选择Hyper-v以及目路下的两个选项，Hyper-v管理工具和Hyper-V平台”->确认。

3.3 下载docker desktop

[准备 Windows 操作系统容器 | Microsoft Learn](https://learn.microsoft.com/zh-cn/virtualization/windowscontainers/quick-start/set-up-environment?tabs=dockerce)

[https://docs.docker.com/desktop/install/windows-install/](https://store.docker.com/editions/community/docker-ce-desktop-windows)

3.4安装docker desktop installer, 右键以管理员身份运行docker desktop installer.exe

3.5 配置docker,打开DokerEngine

{

"builder": {

"gc": {

"defaultKeepStorage": "20GB",

"enabled": true

}

},

"experimental": false,

"features": {

"buildkit": true

},

"insecure-registries": [

"192.168.3.57:82" //Resources->network

],

"registry-mirrors": [

"https://registry.docker-cn.com",

"https://docker.mirrors.ustc.edu.cn",

"https://dockerproxy.com",

"https://mirror.ccs.tencentyun.com"

],

"runtimes": {

"nvidia": {

"args": [],

"path": "nvidia-container-runtime"

}

}

}

//参考<https://zhuanlan.zhihu.com/p/692262796>

3.6 安装镜像，生成容器，测试GPU