Tensorflow gpu installation

Win 11

https://www.tensorflow.org/install/source?hl=zh-tw#gpu

GPU

版本	Python 版本	編譯器	建構工具	cuDNN	CUDA
tensorflow-2.6.0	3.6-3.9	GCC 7.3.1	Bazel 3.7.2	8.1	11.2
tensorflow-2.5.0	3.6-3.9	GCC 7.3.1	Bazel 3.7.2	8.1	11.2
tensorflow-2.4.0	3.6-3.8	GCC 7.3.1	Bazel 3.1.0	8.0	11.0
tensorflow-2.3.0	3.5-3.8	GCC 7.3.1	Bazel 3.1.0	7.6	10.1
tensorflow-2.2.0	3.5-3.8	GCC 7.3.1	Bazel 2.0.0	7.6	10.1
tensorflow-2.1.0	2.7、3.5-3.7	GCC 7.3.1	Bazel 0.27.1	7.6	10.1
tensorflow-2.0.0	2.7、3.3-3.7	GCC 7.3.1	Bazel 0.26.1	7.4	10.0
tensorflow_gpu-1.15.0	2.7、3.3-3.7	GCC 7.3.1	Bazel 0.26.1	7.4	10.0
tensorflow_gpu-1.14.0	2.7、3.3-3.7	GCC 4.8	Bazel 0.24.1	7.4	10.0
tensorflow_gpu-1.13.1	2.7、3.3-3.7	GCC 4.8	Bazel 0.19.2	7.4	10.0
tensorflow_gpu-1.12.0	2.7、3.3-3.6	GCC 4.8	Bazel 0.15.0	7	9
tensorflow_gpu-1.11.0	2.7、3.3-3.6	GCC 4.8	Bazel 0.15.0	7	9
tensorflow_gpu-1.10.0	2.7、3.3-3.6	GCC 4.8	Bazel 0.15.0	7	9

Download and install cuda 11.2

https://developer.nvidia.com/cuda-11.2.0-download-archive

Download and unzip cuDNN 8.1

https://developer.nvidia.com/rdp/cudnn-archive

https://docs.nvidia.com/deeplearning/cudnn/install-guide/index.html#install-windows

Copy the following files from the unzipped package into the NVIDIA cuDNN directory.

a. Copy `bin\cudnn*.dll` to `C:\Program Files\NVIDIA\CUDNN\v8.x\bin`.
b. Copy `include\cudnn*.h` to `C:\Program Files\NVIDIA\CUDNN\v8.x\include`.
c. Copy `lib\cudnn*.lib` to `C:\Program Files\NVIDIA\CUDNN\v8.x\lib`.