

# Hardware environment

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- Performance
  - GPU environment: when using GPU to train and test the model, we recommend using a machine with at least 2 CPU cores to execute
  - CPU environment: when using CPU, the artifact requires more CPU resources and we recommend using a machine with at least 20 CPU cores to execute
- Storage  $\geq 30\text{GB}$
- Memory
  - training process needs at most 30GB memory
  - inference process needs at most 8GB memory
- NVIDIA GPU (option)
- NVIDIA Linux driver (option)  $\geq 418.81.07$

# Software environments

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- Docker
- CUDA (option)  $\geq 11.0$
- NVIDIA Docker (option)

It is worth noting that, our artifact can also reproduce the results in the environment without **NVIDIA GPU**, **NVIDIA driver**, **CUDA** and **NVIDIA Docker**, but it will cost more time.