



Base Command Platform Support Matrix

Application Note

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Chapter 1. Base Command Platform Support Matrix



Note: The deep learning framework container packages follow a naming convention that is based on the year and month of the image release. For example, the 21.02 release of an image was released in February 2021.

NVIDIA Optimized Frameworks

► Published on [NVIDIA NGC | Catalog](#)

PyTorch

>= 20.09

Getting Started

- [PyTorch Overview](#)
- [Pulling A Container](#)
- [Running PyTorch](#)

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- MLNX_OFED
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- PyProf
- Tensor Core optimized examples:
 - ResNeXt

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Base Container Image		
▶ Published on NVIDIA NGC Catalog		
Container OS	Ubuntu 18.04/Ubuntu 20.04/UBI8	<ul style="list-style-type: none"> ▶ Ubuntu 18.04.6 LTS ▶ Ubuntu 20.04.3 LTS
CUDA Base Image (cuBLAS, cuDNN, NCCL)	NVIDIA CUDA 11.4.2 (CUDA 11.x supported through compatibility on R450)	<ul style="list-style-type: none"> ▶ Documentation ▶ Release Notes ▶ cuDNN v8.2.4.15 ▶ NCCL v2.11.4 ▶ NVIDIA CUDA on NGC Catalog
NVIDIA Video Codec SDK	Video Codec SDK 11.1	video-codec-sdk
Vulkan SDK (Vulkan and OpenGL)	SDK 1.2.133	Vulkan Container
Optix (not containerized)	7.1.0	About the NVIDIA Optix Ray Tracing Engine
DGX		
DGX System	DGX A100 640 GB	About the DGX A100
Operating System	DGX OS 5	Release Notes
NVIDIA Driver	450.142.00	Release Notes

GPU	NVIDIA A100	About the NVIDIA A100
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Chapter 2. Getting Support from the Base Command Platform Support Forum

For more information regarding model or application support, visit the [NVIDIA Base Command Platform Support Forum](#).