



# NVIDIA<sup>®</sup>

## HPC Compilers

CUDA COMPATIBILITY PACKAGE

# TABLE OF CONTENTS

Using the CUDA Compatibility Package..... iii

# USING THE CUDA COMPATIBILITY PACKAGE

The CUDA Compatibility Package allows the use of new CUDA toolkit components on systems with older CUDA drivers. The CUDA Compatibility Package is part of the NVIDIA HPC SDK, starting from version 23.5. The package is located in the `/opt/nvidia/hpc_sdk/target/23.7/cuda/x.y/compat` directory. For extensive details on the CUDA Compatibility Package and its usage, please refer to the [CUDA Compatibility documentation](#).

## Notice

ALL NVIDIA DESIGN SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS, AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED "AS IS." NVIDIA MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.

Information furnished is believed to be accurate and reliable. However, NVIDIA Corporation assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. No license is granted by implication or otherwise under any patent rights of NVIDIA Corporation. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all other information previously supplied. NVIDIA Corporation products are not authorized as critical components in life support devices or systems without express written approval of NVIDIA Corporation.

## Trademarks

NVIDIA, the NVIDIA logo, CUDA, CUDA-X, GPUDirect, HPC SDK, NGC, NVIDIA Volta, NVIDIA DGX, NVIDIA Nsight, NVLink, NVSwitch, and Tesla are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. Other company and product names may be trademarks of the respective companies with which they are associated.

## Copyright

© 2023 NVIDIA Corporation. All rights reserved.