

NVIDIA HPC-X Software Toolkit Rev 2.11

Overview

NVIDIA® HPC-X® is a comprehensive software package that includes MPI and SHMEM communications libraries. HPC-X also includes various acceleration packages to improve both the performance and scalability of applications running on top of these libraries, including UCX (Unified Communication X), which accelerates the underlying send/receive (or put/get) messages. It also includes HCOLL, which accelerates the underlying collective operations used by the MPI/PGAS languages.

The documentation here relates to HPC-X:

- [Release Notes](#)
- [User Manual](#)

Software Download

Please visit [NVIDIA HPC-X](#)

Document Revision History

A list of the changes made to this document are provided in [Document Revision History](#).

Related Documentation

Software	Reference
NVIDIA SHARP	https://docs.nvidia.com/networking/category/mlnxsharp