

# CUDA



CUDA® is a parallel computing platform and programming model developed by NVIDIA for general computing on graphical processing units (GPUs). With CUDA, developers are able to dramatically speed up computing applications by harnessing the power of GPUs.

Every CUDA version just supports a small group of compiler versions.

## Compiler-Versions

CUA-Version	latest GCC	latest ICC
10.2	9.x	19

Types	Development / Library
Versions	6.5.14, 7.0.28, 7.5.18, 8.0.44, 9.0.176, 9.1.85, 10.0, 10.1, 10.2
Constraints	GPU-Computing