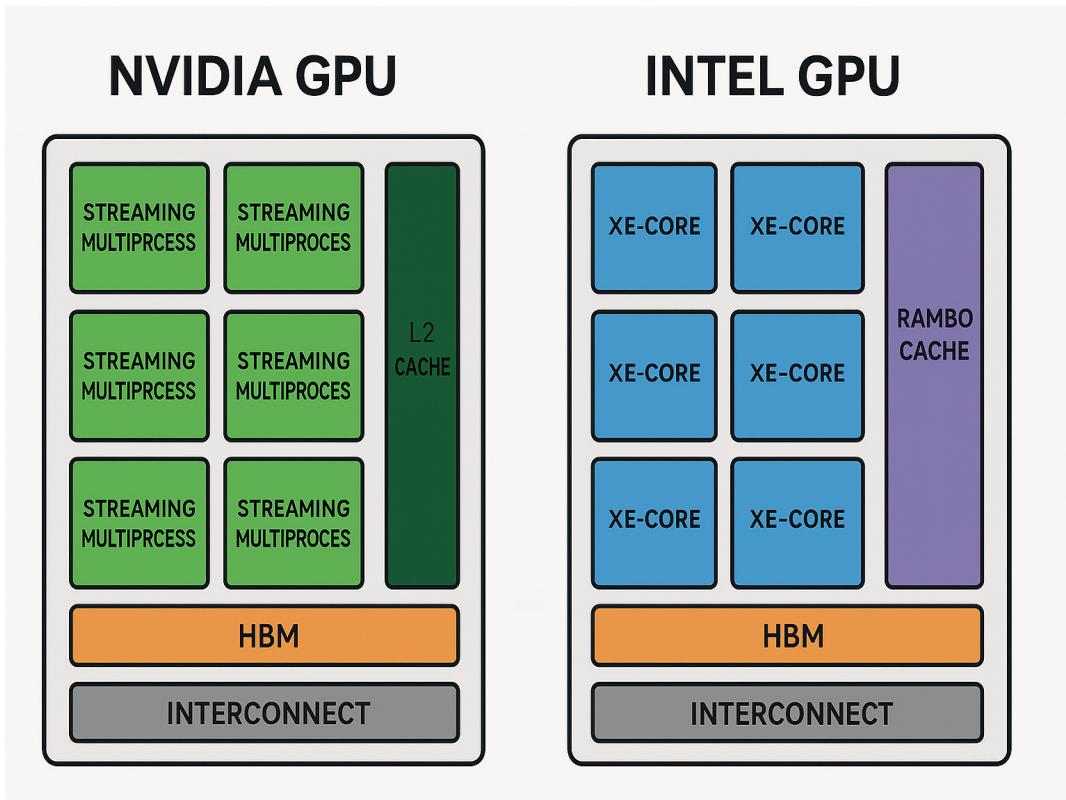


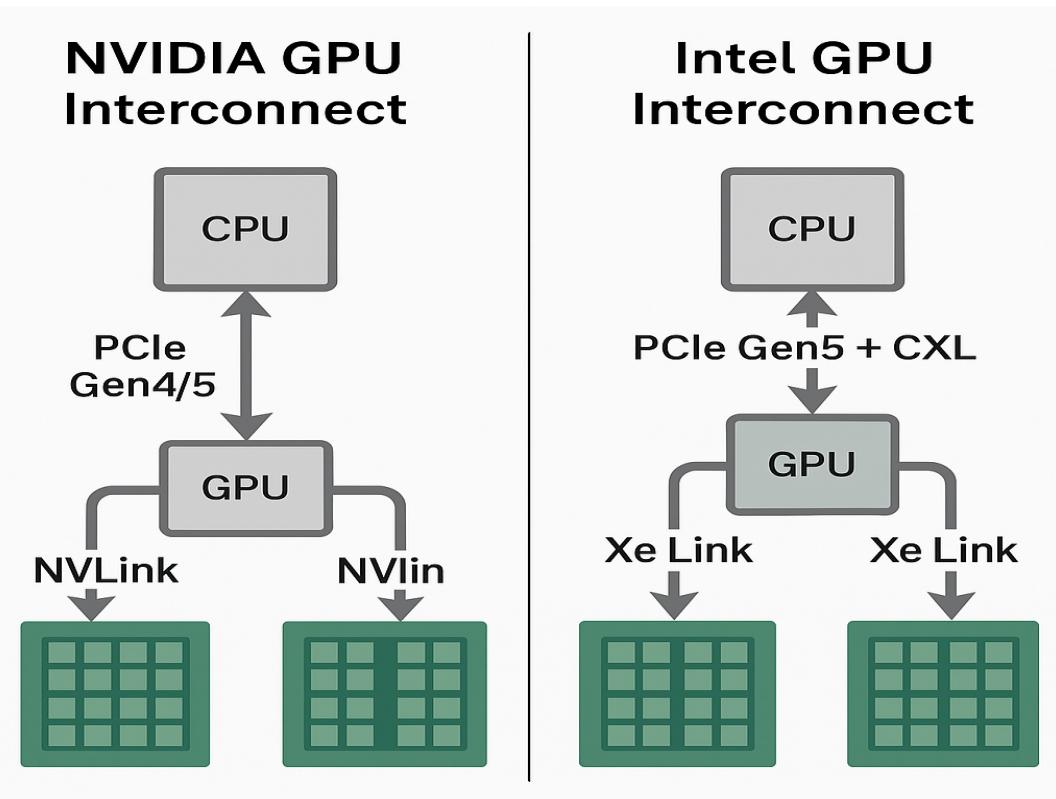
GPU Architectures, Interconnects, and Task Isolation

This document summarizes the comparison between NVIDIA and Intel GPU architectures, their interconnect designs, task isolation approaches, and multi-GPU server topologies. It includes diagrams illustrating each architecture and how they scale with CPUs and interconnect fabrics.

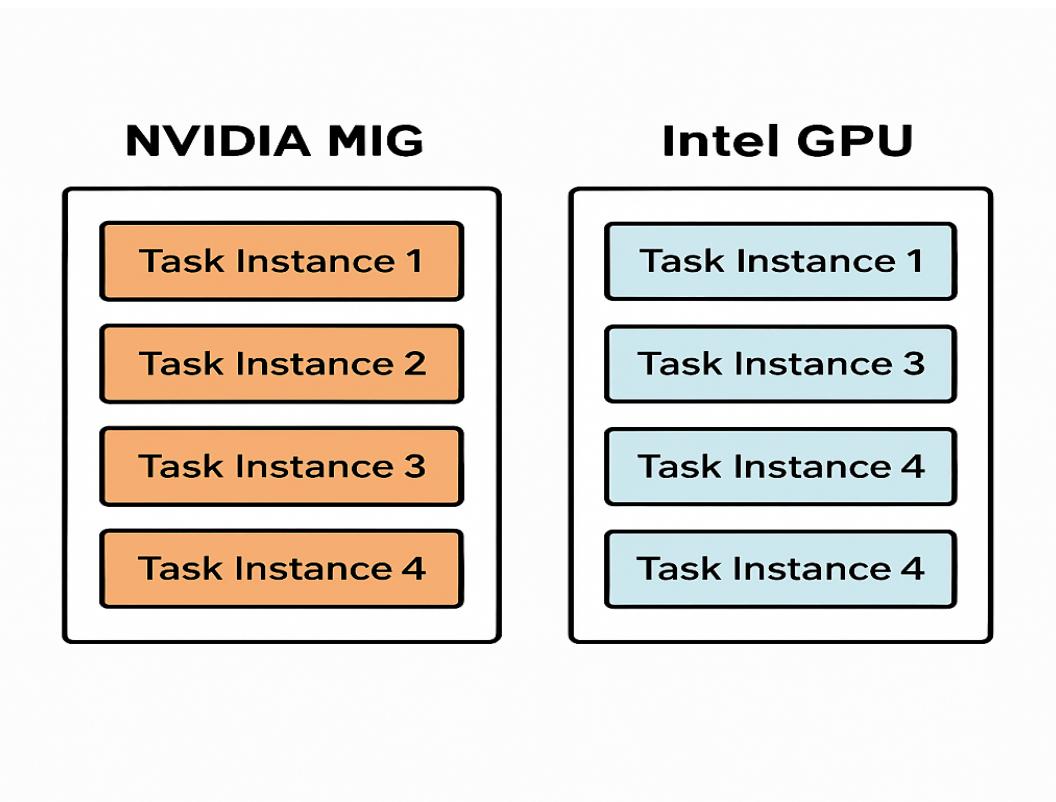
NVIDIA vs Intel GPU Architecture



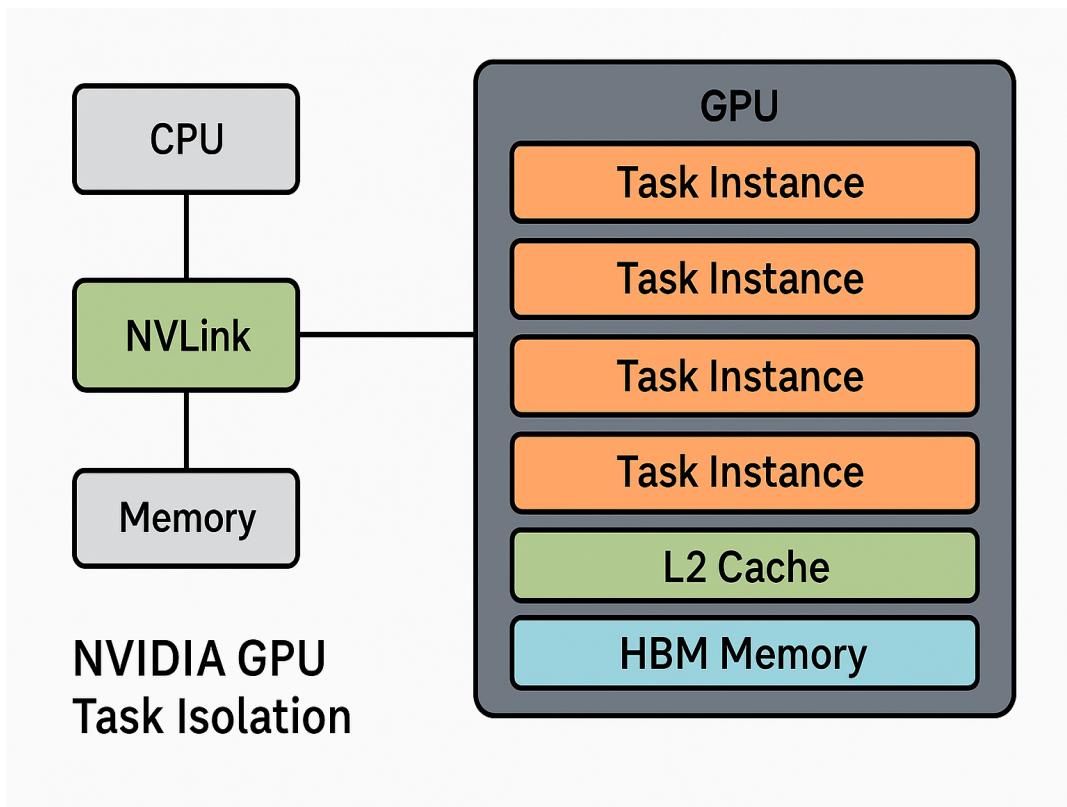
Interconnect Architecture Comparison



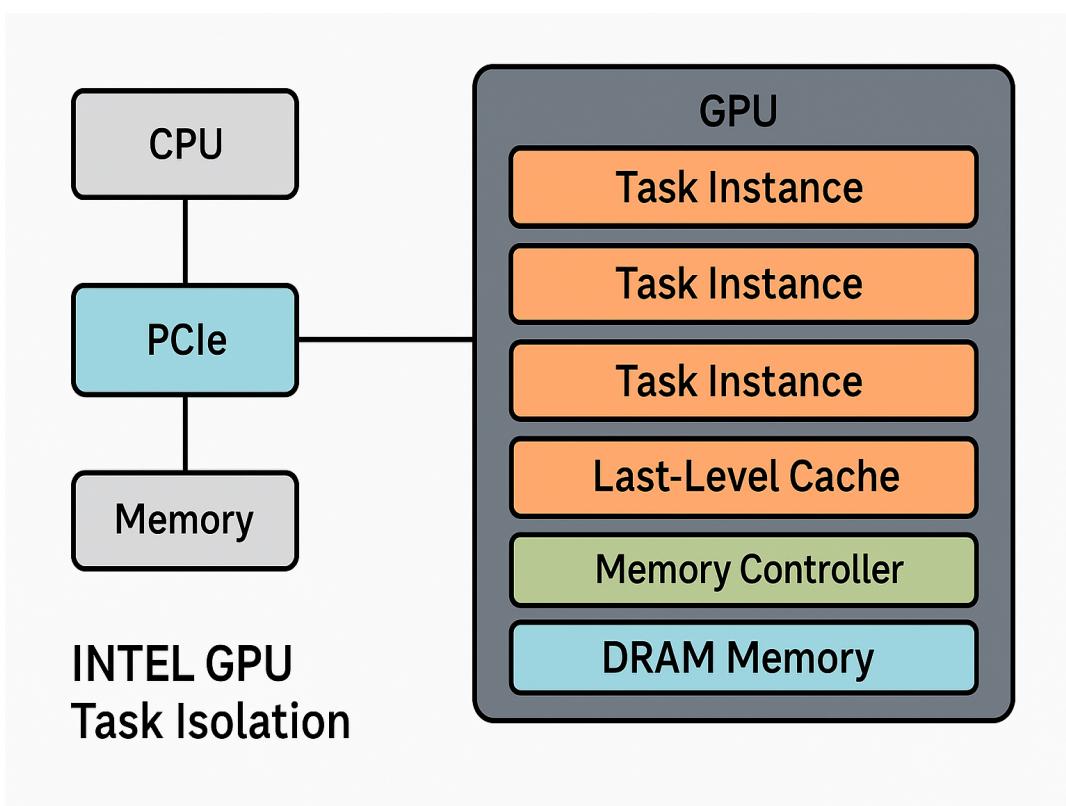
Task Isolation (NVIDIA MIG vs Intel GPU)



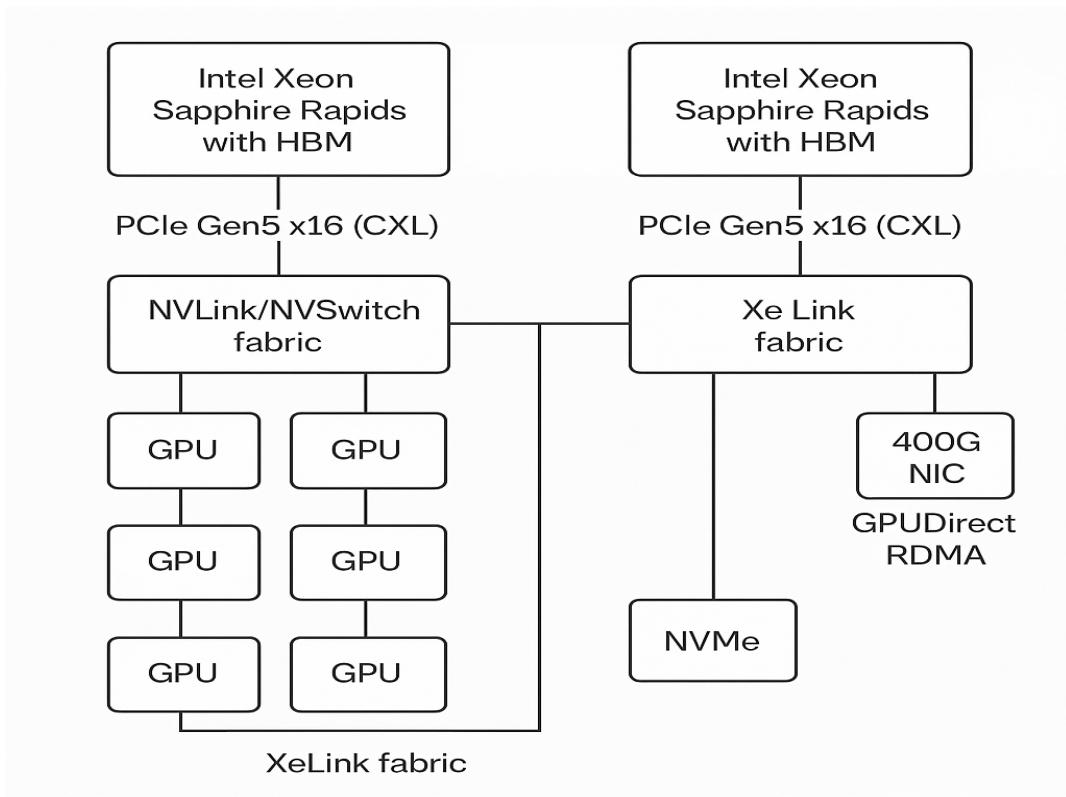
NVIDIA GPU Task Isolation Architecture



Intel GPU Task Isolation Architecture



SPR HBM with 8 GPU Architecture



NVIDIA A200 HBM 8 GPU Architecture

