

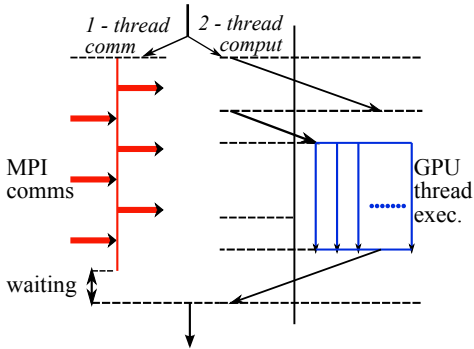
Multi-threaded CPU program

CPU

GPU

CPU thread creation

1 - Synchronous internode CPU comms



2 - Sync. CPU --> GPU data transfer

2 - Async. GPU parallel computation

GPU thread exec.

2 - Sync GPU --> CPU data transfer

CPU thread synchronization barrier

CPU main thread next instructions