CTBP Computing Resources

Since CTBP is a multi-institutional center, there is a range of resources available at multiple universities.

RICE NOTS Cluster - This resource is available to all Rice community members. It is a heterogeneous cluster that provides CPU and GPU computing capabilities.

Aries Cluster - This resource was donated by AMD, and it contains 152 MI50 GPUGPUs and 24 MI100 GPGPUs. It is an excellent resource for "big" users (those that require *at least* 8 GPUs at a time). We will compose a how-to page with usage guidelines. Until then, contact Prof. Whitford or Vinicius Contessotto for more information.

AMD HPC Fund Cluster - We currently have an allocation on the AMD HPC Fund cluster, which contains MI100 GPGPUs.

Northeastern University Discovery Cluster - This is the primary computing resource available at NU. It contains roughly 30,000 compute cores and hundreds of GPUs. This resource is available to all NU members that have a faculty sponsor.