

Very Brief Introduction to High Performance Computing at Tennessee Tech

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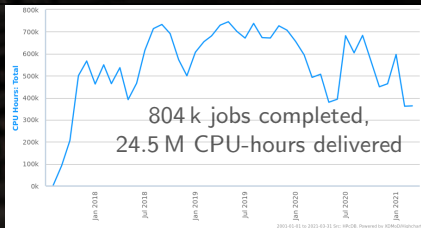
Hardware:

- ▶ 44 28-core compute servers, including 8 GPUs
- ▶ 64–896 GB RAM per server

OS and Software:

- ▶ Red Hat and CentOS Linux
- ▶ Lots of installed applications (and you can add some of your own)

Usage to date:



Common job types:

- ▶ Molecular dynamics
- ▶ Computational fluid dynamics
- ▶ Artificial intelligence/machine learning
- ▶ Nuclear physics
- ▶ Genomics
- ▶ Environmental science
- ▶ Computational solid mechanics