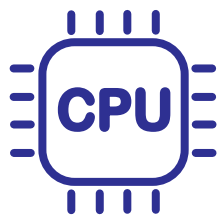## Compute

UCGD Resources
88 Nodes
2,356 CPU Cores
15 TB RAM

Additional CHPC Resources[*]
1,117 Nodes
19,660 CPU Cores
84 TB RAM

*CHPC resources are available in freecycle/preemptable jobs

Storage

2,750 TB Lustre - 150 Gb/s Aggregate IO Bandwidth[*]
500 TB CEPH Object - 40 Gb/s Aggregate IO Bandwidth

*Can read/write laptop sized disk (500GB) equivalent in under 30 s

Network/Data Transfer

100 Gb/s University of Utah campus backbone
5 transfer nodes in science DMZ (40 Gb/s each)
3 transfer nodes behind HIPAA firewall[*] (10 Gb/s each)

*Sustained transfer of 150 TB/day observed through HIPAA firewall