Summary								
Number of Nodes	704							
Total CPU Cores	32000							
Total GPUs	448							
Distributed Storage	873 TB							
Individual Nodes								
Processor	Nodes	CPU Cores	Node RAM	RAM per core	GPU Type	GPUs (per Node)	GPU RAM	Local Disk
Intel Xeon Gold 6248	224	2 x 20	384 GB	9 GB	Nvidia Volta V100	2	32 GB	3.8 TB
Intel Xeon Platinum 8260	480	2 x 24	192 GB	4 GB	NA	NA	NA	4.4 TB
Resource Allocations								
Processor			Partition		Starting		Standard	
Intel Xeon Gold 6248			xeon-g6-volta		1 Nodes 40 Cores 2 GPUs		6 Nodes 240 Cores 12 GPUs	
Intel Xeon Platinum 8260			xeon-p8		2 Nodes 96 Cores		16 Nodes 768 Cores	

Figure 1.1

Update

- Looking up the number of integrated circuits to calculate the N_r
- MIT Supercloud uses GPU RAM instead of traditional RAM, would this be calculated differently in the equation?
- There is not much specific information about the storage hardware on the Supercloud website
    - I did find this resource on the workload of the Supercloud: https://aws.amazon.com/marketplace/pp/prodview-nlai4hkx4nbqy#resources

In Progress

- Looking at the schematics of the mechanical drawings to determine the number of integrated circuits to calculate the N_r