



GACRC-AC Meeting – Dec. 10, 2013

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THE UNIVERSITY OF GEORGIA

Office of the Vice President for Information Technology
Enterprise Information Technology Services

Final Configuration

total computational cores:	6,112
Theoretical Teraflops:	64
Number Compute Nodes (GE):	62
Number Compute Nodes (IB):	62
Number of GPU Nodes:	1
Number of GPUs:	8
Number High-Mem Nodes:	3
total RAM:	18
total scratch (raw):	141
total archive (raw):	949
Total Cost:	\$1,453,200.46

Costs of Configuration

High Memory Nodes :	\$48,632.54	3.35%
GPU Nodes :	\$37,387.33	2.57%
IB Nodes :	\$359,066.18	24.71%
General Compute Nodes :	\$336,869.56	23.18%
Scratch Storage :	\$180,084.30	12.39%
Tier-3 Storage :	\$187,495.98	12.90%
IB Networking :	\$121,919.43	8.39%
GigE Networking :	\$114,032.00	7.85%
Racks and stuff :	\$0.00	0.00%
Integration :	\$7,472.00	0.51%
Management Stack :	\$60,241.14	4.15%
Total Cost:	\$1,453,200.46	100.00%

Opportunity for Groups to Participate

High Memory Node (1TB) :	\$27,525.20
High Memory Node (512GB) :	\$10,553.67
General Compute Node (GE) :	\$5,433.38
General Compute Nodes (IB) :	\$5,791.39
Thin GPU Node :	\$11,000.04
Fat GPU Node :	\$37,387.33
320TB Archive Chain :	\$62,498.66

*.... with racks, PDUs, network switches, cables and adaptors
will be the responsibility of EITS and the GACRC*