

Summit Condo Model Financials

	Chassis Cost	Nodes supported	Total cost / node	CSU/CU subsidized cost / node
"Haswell CPU node"				
Compute node chassis (fully populated)	\$22,990	4	\$5,748	\$5,748
Compute node HFI	\$750	1	\$750	\$750
Scratch storage LUN (10 drives; 30TB usable)(est)	\$3,850	12	\$320	\$320
GPFS client license	\$1,038	4	\$260	\$260
15m OPA uplink cable	\$525	2	\$262	\$0
2m OPA downlink cable	\$69	1	\$69	\$0
Ethernet TOR switch	\$1,943	32	\$61	\$0
OPA TOR switch	\$9,612	32	\$300	\$0
Power/cooling	\$200/yr	1	\$1,000	\$0
Rack/PDU	\$4,500	64	\$70	\$0
TOTAL			\$8,840	\$7,078
"GPU node"				
C4130 node with 2x K80	\$14,868	1	\$14,868	\$14,868
Compute node HFI	\$750	1	\$750	\$750
Scratch storage LUN (10 drives; 30TB usable)(est)	\$3,850	12	\$320	\$320
GPFS client license	\$260	1	\$260	\$260
OPA TOR switch	\$9,612	32	\$300	\$0
Rack/PDU	4500	40	\$112	\$0
15m OPA uplink cable	\$525	2	\$262	\$0
2m OPA downlink cable	\$69	1	\$69	\$0
Ethernet TOR switch	\$1,943	32	\$61	\$0
Power/cooling	\$200/yr		\$1,000	\$0
TOTAL			\$18,002	\$16,198
"HiMem node"				
R930 with 2 TB RAM	\$35,221	1	\$35,221	\$35,221
Compute node HFI	\$750	1	\$750	\$750
GPFS client license	\$260	0.5	\$520	\$520
Scratch storage LUN (10 drives; 30TB usable)(est)	\$3,850	12	\$320	\$320
OPA TOR switch	\$9,612	32	\$300	\$0
Rack/PDU	4500	10	\$450	\$0
15m OPA uplink cable	\$525	2	\$262	\$0
2m OPA downlink cable	\$69	1	\$69	\$0
Ethernet TOR switch	\$1,943	32	\$61	\$0
Power/cooling	\$200/yr		\$1,000	\$0
TOTAL			\$38,953	\$36,811

NOTE: Limited funds are available for subsidized common infrastructure elements on a first-come first-serve basis.

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