

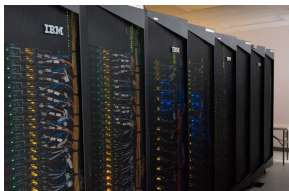
# Scaling Test of AstroBEAR on BlueHive2 and Stampede

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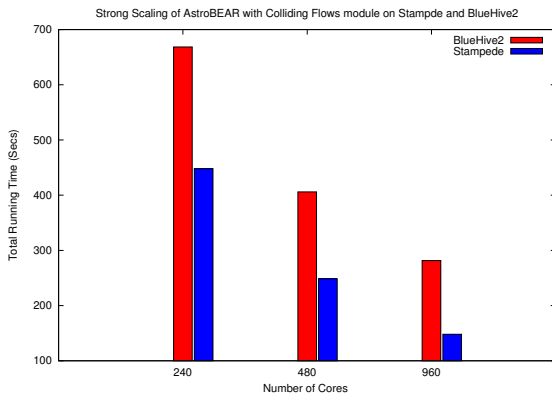
# System Introduction



- 200 nodes, 2X12-core Intel "Ivy Bridge" processors(2.4GHz) per node
- 64GB - 256GB memory
- InfiniBand interconnect
- Intel Xeon Phi 5110P for 8 compute nodes
- Nvidia K20X GPUs on 30 compute nodes



- 6400 nodes, 2X8-core Intel "Sandy Bridge" processors(2.7GHz) per node
- 32GB memory
- InfiniBand interconnect
- Intel Xeon Phi 5110p 61-core coprocessor for each node
- Nvidia K20 GPUs on 128 compute node



■ openmpi/1.6.5 VS. intel13+mvapich2

