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## Intel Ivybridge vs. AMD Opteron: performance and power implications

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The RACF has evaluated the Intel Ivybridge and AMD Opteron cpu's before an anticipated purchase of Linux servers for its RHIC and USATLAS programs in 2014. Price performance considerations are no longer sufficient as we must consider long-term power, cooling and space capacities in the data center. This presentation describes how these long-term considerations are increasingly altering hardware acquisition cycles at BNL.

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