

The Suprenum architecture and its application to computational fluid dynamics


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A short overview of the Suprenum supercomputer project is presented. The architecture and hardware components are outlined. The development of Suprenum is characterized by the simultaneous construction of hardware and application software packages. The software packages available are listed. The fundamental parallelization technique based on grid algorithms and grid partitioning is described. Some estimation of performance results are provided.

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 Feedback/Corrections?