High Performance, Dense, Low Power Linux Clusters

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SiCortex Dense, Low Power Linux Systems

- 7.8 Terabytes ECC memory
- 5832 64-bit processors
- 1.5 µs MPI latency
- 18 KW (208v 3Ø 60A)

- 864 Gigabytes ECC memory
- 648 64-bit processors
- 1.5 µs MPI latency
- 2 KW (110v 1Ø 20A)
FFT3D -- an Example

Delivered FLOPS -- 3D FFT (512x512x512)

Number of Processors

Opteron/GigE Measured
SiCortex Measured