Graphics Card -AMD Radeon (TM) R5 M330

CPU Fan

Processor - Intel(R) Core(TM) i5-6200U CPU @ 2.30GHz 2.40 GHz

CPU

RAM – 2 * 4GB DDR4 (1 ADATA + 1 SAMSUNG)

Audio Jack I/O

Hard Drive – SATA 6 1TB 5400RPM

SSD – 256GB Western Digital

Task - Parallel MRI Reconstruction Algorithm Implementation on GPU. The paper an provides evidence of how to overcome fundamental limit in MRI data collection by employing combined architecture of parallel image processing algorithm (**SENSitivity Encoding**) and GPU(CUDA). The results show that GPU provides approximately 7× ~ 28× reduction in computational time as compared to the CPU.

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