



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)

SSD - 256GB
Western Digital

Hard Drive - SATA
6 1TB 5400RPM

Audio Jack I/O

Task - Parallel MRI Reconstruction Algorithm Implementation on GPU. The paper 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 $7\times \sim 28\times$ reduction in computational time as compared to the CPU.

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