Sorting algorithms performance comparison

Github: https://github.com/stefan-chivu/sorting-benchmark

System comparison

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| --- | --- | --- |
|  | PC | Laptop |
| Processor | Intel® Core™ i5-4590 | Intel® Core™ i7-6700HQ |
| Proc. base freq. | 3.30GHz | 2.60GHz |
| Proc. max freq. | 3.70GHz | 3.5GHz |
| Cores | 4 | 4 |
| Threads | 4 | 8 |
| Lithography | 22 nm | 14 nm |
| Cache | 6MB | 6MB |
| Bus Speed | 5 GT/s | 8 GT/s |
| Memory size | 2 x 8GB | 2 x 8GB |
| Memory frequency | 1867 MHz | 2133 MHz |
| GPU | ASUS NVIDIA GTX 960 | ASUS NVIDIA GTX 950M |
| VRAM | 2GB DDR5 | 4GB DDR5 |
| GPU BUS | 128 bit | 128 bit |
| GPU Clock | 1291 MHz | 1750 MHz |
| OS | Windows 10 Pro | Windows 10 Pro |