# Efficient Implementation of Constant pH Molecular Dynamics on Modern Graphics Processors

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**Content**

Table SI-1. Computer specifications used to benchmark the new GPU-enabled CPHMD algorithm.

| part | description | notes |
|---|---|---|
| main processor | 2 x Intel Xeon E5-2620 | 2.0GHz, 6 cores each, 12 cores total |
| GPU | GeForce GTX 780 Ti | 875 MHz, 2880 cores, 3.1 GB memory |
| motherboard | ATX Server Motherboard Dual LGA 2011 | DDR3 1600 MHz |
| power supply | CORSAIR AX1200i | 1200W |
| RAM | 8 x 4GB Ripjaws Z Series DDR3 | 240-Pin, 1600 MHz, 32GB total |
| hard drive | Crucial M500 480GB SATA | 480GB of storage |
| heatsink | 2 x Supermicro SNK-P0050AP4 | |

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