

MatrixMul results

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|----------------------------|--------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|
| CPU | P8600 | Q6600 | | | | |
| CPU cores | 2 | 4 | | | | |
| GPU | 9300M GS | 8800 GTS (G80) 378MB | | | | |
| System | Windows | Linux | | Windows | | |
| System details | Vista 64 | Ubuntu 10.04 LTS x64 | | XP Pro SP3 | | |
| Matrix size | 3000 x 3000 | 3000 x 3000 | 4000 x 4000 | 3000 x 3000 | 4000 x 4000 | 4500 x 4500 |
| Single thread [sec] | 230.96 | 237.61 | 506.78 | 211.42 | 530.05 | 866.41 |
| Multi thread [sec] | 125.72 | 214.57 | 529.48 | 55.48 | 138.45 | 230.44 |
| MT Effective *) | 125.72 | 53.64 | 132.37 | 55.48 | 138.45 | 230.44 |
| ST ratio | 1.84 | 4.43 | 3.83 | 3.81 | 3.83 | 3.76 |
| GPU [sec] | 24.72 | 6.52 | 8.34 | 4.58 | 10.66 | 15.42 |
| ST ration | 9.34 | 36.44 | 60.76 | 46.16 | 49.72 | 56.19 |
| MT ratio | 5.09 | 8.23 | 15.87 | 12.11 | 12.99 | 14.94 |

*) Linux seems to accumulate all thread's clock() together.