

| | WHS | Eric | John | Dorene | Kelsey | Kelsey eSata Drive |
|------------------------|---|--|--|--|--|---------------------------------|
| Motherboard | GIGABYTE GA-MA785GM-US2H | GIGABYTE GA-MA785G-UD3H | | GIGABYTE GA-M68SM-S2 | ASUS M2N-SLI Deluxe | |
| RAM | 2GB | 4 GB | 2 GB | 4GB | 4GB | |
| Harddrive(s) | Seagate Barracuda 7200.12 ST31000528AS 1TB 2 x Seagate Barracuda 7200.10 ST3500630AS 500GB | Western Digital Caviar Blue WD5000AAKS 500GB | ST910021A - 100 MB 7200 RPM HD 2.00 gigahertz Intel Pentium M | WDC WD1200AB- 22DYA0-IDE 120 GB AMD Athlon 64 X2 4600+ Windsor 2.4GHz | Seagate Barracuda ST3160812AS7200160G B 7200 RPM AMD Athlon 64 X2 6000+ Windsor 3.0GHz | WDC WD5001AALS-00L3B (500GB) |
| Processor | AMD Sempron 140 Sargas 2.7GHz | AMD Phenom II X3 720 2.8GHz | | | | |
| HD Tune Results | | | | | | |
| Min (MB/sec) | | 39 | 17 | 8 | 34 | 45 |
| Max (MB/sec) | | 92 | 47 | 56 | 73 | 97 |
| Ave (MB/sec) | | 69 | 37 | 45 | 59 | 76 |
| Access Time (ms) | | 13 | 15 | 14 | 13 | 13 |
| Burst Rate(MB/sec) | | 106 | 64 | 70 | 106 | 84 |
| CPU Usage % | | 9 | 3 | 2 | 13 | 14 |

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|------------------|---------|--------|-------|-------|--------|--------|
| Writer Report | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 1380422 | 611667 | 25092 | 23910 | 651223 | 676276 |
| 524288 | 974907 | 147114 | 26284 | 26282 | 670029 | 687351 |
| 1048576 | 1171744 | 47183 | 23714 | 24950 | 79361 | 153353 |
| 2097152 | 102595 | 75136 | 27418 | 24984 | 53973 | 113816 |
| 4194304 | 105007 | 46541 | 28135 | 26831 | 41188 | 96018 |
| 8388608 | 102069 | 50724 | 30155 | 26211 | 37185 | 33524 |
| Re-writer Report | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 954277 | 761488 | 29938 | 32676 | 804132 | 929282 |
| 524288 | 1055406 | 260812 | 35770 | 34016 | 808315 | 920264 |
| 1048576 | 1088904 | 81618 | 33501 | 31863 | 85311 | 152460 |
| 2097152 | 158871 | 76977 | 31863 | 32666 | 56307 | 112461 |
| 4194304 | 110840 | 54587 | 33168 | 34654 | 44687 | 98430 |
| 8388608 | 106808 | 41488 | 34280 | 33434 | 39937 | 88714 |
| Reader Report | 64 | 64 | 64 | 64 | 64 | 64 |

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|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| 262144 | 970343 | 715242 | 771158 | 819458 | 848643 | 939505 |
| 524288 | 1016889 | 929152 | 815981 | 765871 | 927435 | 1015767 |
| 1048576 | 1486119 | 44669 | 784223 | 800379 | 1092314 | 1064806 |
| 2097152 | 95530 | 59304 | 31299 | 771697 | 42216 | 1138132 |
| 4194304 | 105320 | 53511 | 32738 | 14888 | 41166 | 85734 |
| 8388608 | 108105 | 52346 | 34984 | 13802 | 39155 | 86071 |
| Re-reader Report | | | | | | |
| | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 1694475 | 1162029 | 847995 | 837830 | 1142719 | 1253341 |
| 524288 | 2017699 | 1140144 | 844316 | 796060 | 1188473 | 1218369 |
| 1048576 | 1952830 | 1108884 | 838719 | 801437 | 1139616 | 1203187 |
| 2097152 | 105389 | 59969 | 30650 | 775901 | 1061012 | 1208726 |
| 4194304 | 109954 | 52064 | 32572 | 15013 | 42333 | 86520 |
| 8388608 | 110592 | 55212 | 34276 | 16059 | 41641 | 86320 |
| Writer CPU utilization report (Zero values should be ignored) | | | | | | |
| | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 19.00531578 | 3.317697048 | 7.062094688 | 3.366425276 | 6.253904343 | 6.712067604 |
| 524288 | 19.83395004 | 3.336941004 | 6.71684885 | 4.771895885 | 8.343031883 | 12.03833199 |
| 1048576 | 22.73083115 | 6.761944771 | 7.106122017 | 4.134468079 | 8.802535057 | 13.55892944 |
| 2097152 | 10.92000389 | 13.17592907 | 7.133244038 | 4.162126541 | 13.42792797 | 23.74108696 |
| 4194304 | 10.55068874 | 10.12391281 | 7.931118965 | 5.561830044 | 10.40238476 | 24.99216843 |
| 8388608 | 10.71189499 | 13.87712574 | 9.373010635 | 7.375976563 | 15.31866837 | 12.60440063 |
| Re-writer CPU utilization report (Zero values should be ignored) | | | | | | |
| | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 17.68483162 | 6.141572952 | 5.635084152 | 3.251155615 | 4.567743301 | 9.734308243 |
| 524288 | 18.08031082 | 7.209415436 | 7.577027798 | 3.212385893 | 5.897114754 | 9.743081093 |
| 1048576 | 21.98334503 | 6.302000523 | 7.561048508 | 4.22610569 | 9.565286636 | 9.876226425 |
| 2097152 | 18.44595146 | 11.31884766 | 7.88799715 | 4.198187351 | 11.60373878 | 12.3718996 |
| 4194304 | 12.20379257 | 11.36145401 | 8.016734123 | 6.097631931 | 11.99265862 | 12.8284111 |
| 8388608 | 11.2469883 | 9.096317291 | 8.497487068 | 8.514104843 | 13.00931931 | 23.45991707 |
| Reader CPU utilization report (Zero values should be ignored) | | | | | | |
| | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 97.86766815 | 89.01683044 | 100 | 92.43652344 | 85.55296326 | 77.93636322 |
| 524288 | 71.79431915 | 80.03868866 | 99.67195892 | 91.40159607 | 90.97296906 | 90.54841614 |
| 1048576 | 88.28977203 | 12.022645 | 98.15585327 | 91.80216217 | 100 | 85.64239502 |
| 2097152 | 16.07459641 | 16.31454659 | 5.549701691 | 94.88903809 | 11.9809866 | 98.15322876 |
| 4194304 | 18.27242851 | 12.97412014 | 5.524240017 | 2.700912952 | 11.05386257 | 19.63077354 |
| 8388608 | 17.37626648 | 14.29944229 | 5.408053398 | 2.809843063 | 11.49323177 | 17.87064934 |

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| Re-reader CPU utilization report (Zero values should be ignored) | | | | | | |
| | 64 | 64 | 64 | 64 | 64 | 64 |
| 262144 | 100 | 89.8303299 | 100 | 90.0386734 | 81.82059479 | 96.44680786 |
| 524288 | 96.48648834 | 81.27307892 | 100 | 87.56723022 | 81.32435608 | 100 |
| 1048576 | 88.12734222 | 80.75324249 | 99.95646667 | 95.51448059 | 99.95261383 | 94.74873352 |
| 2097152 | 18.20065308 | 15.91510868 | 5.1374259 | 90.15330505 | 93.05743408 | 86.32575226 |
| 4194304 | 17.69741631 | 12.52641392 | 5.241192818 | 2.589310169 | 11.44485474 | 19.21051788 |
| 8388608 | 17.67154312 | 15.77010727 | 5.343142986 | 2.865637541 | 12.0646801 | 20.3531456 |