# Scalability Results

This file contains the results from eight experimental replications of Native Support for x100 Xeon Phi Co-Processor to execute Mandelbulber v2. All measurements utilize 5110P hardware with units of seconds.

|  |  |  |  |
| --- | --- | --- | --- |
| **PATCHES** | **NAN** | **Light** | **Random** |
| CONFIG000 | No | No | No |
| CONFIG001 | No | No | Yes |
| CONFIG010 | No | Yes | No |
| CONFIG011 | No | Yes | Yes |
| CONFIG100 | Yes | No | No |
| CONFIG101 | Yes | No | Yes |
| CONFIG110 | Yes | Yes | No |
| CONFIG111 | Yes | Yes | Yes |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CONFIG** | **R1** | **R2** | **R3** | **R4** | **R5** | **R6** | **R7** | **R8** |
| 000 | 1080.65 | 1080.87 | 1068.76 | 1083.52 | 1084.96 | 1080.31 | 1081.75 | 1079.98 |
| 001 | 414.60 | 421.76 | 418.93 | 415.53 | 415.23 | 416.12 | 420.54 | 415.42 |
| 010 | 1091.43 | 1079.20 | 1086.61 | 1086.58 | 1091.14 | 1080.58 | 1076.64 | 1083.67 |
| 011 | 391.31 | 392.96 | 391.24 | 392.21 | 391.94 | 392.18 | 391.96 | 391.66 |
| 100 | 1067.08 | 1062.10 | 1061.02 | 1068.24 | 1066.74 | 1052.38 | 1062.31 | 1064.28 |
| 101 | 371.63 | 378.36 | 370.36 | 371.74 | 370.67 | 376.24 | 378.15 | 371.56 |
| 110 | 1060.88 | 1072.13 | 1076.01 | 1069.52 | 1069.04 | 1068.72 | 1064.79 | 1066.66 |
| 111 | 350.08 | 350.69 | 352.10 | 350.19 | 352.28 | 353.46 | 351.83 | 350.94 |

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| --- | --- | --- | --- |
| **CONFIG** | **AVG** | **Std.Dev.** | **SNR** |
| 000 | 1080.10 | 4.89 | 2.34 |
| 001 | 417.26 | 2.74 | 2.18 |
| 010 | 1084.48 | 5.44 | 2.30 |
| 011 | 391.93 | 0.55 | 2.85 |
| 100 | 1063.02 | 5.04 | 2.32 |
| 101 | 373.59 | 3.40 | 2.04 |
| 110 | 1068.47 | 4.57 | 2.37 |
| 111 | 351.45 | 1.17 | 2.48 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Replication1** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1080.650563 | 414.5974921 | 1091.433504 | 391.3058396 | 1067.080089 | 371.6308087 | 1060.879199 | 350.0796044 |
| aboxmod1\_001.fract | 439.8266141 | 155.2611508 | 437.6056039 | 143.7819691 | 423.9457321 | 145.0754509 | 425.5252578 | 132.622416 |
| aboxmod2\_001.fract | 548.33305 | 164.977968 | 508.828629 | 153.1965868 | 486.2868879 | 148.2798719 | 515.032403 | 138.8709731 |
| aboxvsicen1\_001.fract | 806.1022739 | 239.9119341 | 759.4255111 | 213.9636438 | 809.8485692 | 215.6853409 | 768.534461 | 195.639992 |
| aexion\_octopus\_001.fract | 804.9002662 | 183.2122619 | 870.1529009 | 180.164314 | 881.336607 | 201.2767441 | 913.560581 | 164.187758 |
| amoxmodkali\_001.fract | 492.9226608 | 230.5872719 | 502.9514129 | 221.6967978 | 500.89486 | 204.4360499 | 489.479708 | 197.8934009 |
| benesi\_t1\_pine\_tree\_001.fract | 347.6080461 | 206.647759 | 336.5889671 | 206.063345 | 323.8907521 | 199.505399 | 332.3572011 | 200.9529722 |
| bristorbrot001.fract | 856.372632 | 359.7618189 | 867.069989 | 359.3489571 | 887.841527 | 302.657279 | 853.5903208 | 292.8720312 |
| hybrid002.fract | 531.5465682 | 534.22486 | 523.9559309 | 463.9479611 | 490.567606 | 393.7348111 | 503.061743 | 390.459712 |
| hybrid004.fract | 527.4685411 | 437.667069 | 542.426511 | 432.7405622 | 515.9078381 | 368.9670782 | 508.8686271 | 366.317234 |
| hybrid007.fract | 546.2814231 | 161.9719951 | 559.6591311 | 151.5447152 | 530.803067 | 151.826787 | 555.1737812 | 141.8074381 |
| IFS\_002.fract | 282.082164 | 228.310961 | 284.9016941 | 229.9945729 | 273.837625 | 217.027483 | 291.7468011 | 221.2674668 |
| iq\_bulb\_001.fract | 1035.913244 | 272.376106 | 1029.455856 | 247.6308482 | 1034.961012 | 261.351584 | 1047.689019 | 235.6107471 |
| keyframe\_anim\_mandelbox\_boxes.fract | 287.7667499 | 130.5888131 | 295.781831 | 127.3461421 | 362.1488321 | 122.7721279 | 289.845861 | 120.4207211 |
| KM/aexion01.fract | 1556.973436 | 513.805449 | 1668.690195 | 477.512671 | 1547.81958 | 413.0803699 | 1581.269197 | 381.8010459 |
| KM/benesi03.fract | 498.8788779 | 305.6449499 | 511.4881518 | 294.9677491 | 506.576237 | 274.1639171 | 493.47088 | 249.3487301 |
| KM/Bristorbrot.fract | 1453.883938 | 368.464093 | 1440.976953 | 343.582432 | 1432.932112 | 314.1453621 | 1486.62652 | 286.2258501 |
| KM/bristorbrot01.fract | 1046.261741 | 428.817395 | 1119.405354 | 369.4873431 | 1039.735002 | 368.9134572 | 1082.764767 | 379.0178549 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 732.32936 | 251.6738782 | 771.4124219 | 234.343245 | 719.440623 | 214.7141509 | 754.9347861 | 207.6671979 |
| KM/equirectangular menger sponge.fract | 384.815213 | 383.6799021 | 379.8838141 | 377.889231 | 318.9955678 | 309.4283149 | 318.123739 | 308.9526169 |
| KM/fish eye.fract | 239.703819 | 92.63687301 | 253.563812 | 91.34497309 | 229.843143 | 85.71599698 | 217.1051049 | 79.22778821 |
| KM/folded mender sponge.fract | 503.9467578 | 210.2775311 | 481.3438599 | 200.8319359 | 477.1200652 | 191.296674 | 484.5806711 | 186.9039989 |
| KM/hybrid16.fract | 473.2748911 | 340.411731 | 481.9938281 | 335.2688279 | 472.2654202 | 302.0156109 | 482.6862409 | 297.7495301 |
| KM/hybrid17.fract | 241.435626 | 127.939079 | 252.5812941 | 123.8408659 | 247.1780829 | 124.2982891 | 242.987395 | 115.612807 |
| KM/hybrid18\_2.fract | 481.3078911 | 476.4920399 | 483.9231391 | 473.167598 | 424.8172748 | 413.6318522 | 426.332165 | 408.3859699 |
| KM/hybrid19.fract | 2120.553188 | 450.115206 | 2205.810542 | 411.905508 | 2148.010635 | 391.5597701 | 1997.135531 | 356.6345701 |
| KM/hybrid20.fract | 1297.618947 | 854.948416 | 1307.099679 | 844.702167 | 1236.058989 | 794.970113 | 1249.200785 | 795.2455211 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1335.736766 | 482.039567 | 1314.540533 | 467.4514849 | 1346.771163 | 429.0575192 | 1283.497192 | 417.3094099 |
| KM/hybrid42.fract | 463.712255 | 169.5761549 | 472.0320752 | 162.100008 | 457.486485 | 155.9347909 | 459.6401141 | 149.649195 |
| KM/hypercomplex 03.fract | 994.4131091 | 237.03706 | 972.4180539 | 219.0680459 | 953.8428609 | 216.890837 | 981.5315371 | 189.7622888 |
| KM/IFS 19 - maxiter.fract | 1488.527927 | 417.4250941 | 1530.018959 | 340.97367 | 1500.995136 | 380.4566391 | 1457.788471 | 306.083683 |
| KM/IFS 20.fract | 679.7377701 | 437.0812142 | 688.128655 | 404.1715188 | 646.4534431 | 382.4735339 | 654.2572351 | 375.447181 |
| KM/IFS 21.fract | 319.6245179 | 186.140291 | 332.2715909 | 185.945713 | 353.0320241 | 176.414356 | 310.563822 | 175.437578 |
| KM/IFS 25.fract | 367.8321769 | 176.4716518 | 361.398771 | 172.3564851 | 367.504482 | 166.489095 | 375.838053 | 161.2858112 |
| KM/IFS 29\_2.fract | 340.2975621 | 224.3374219 | 336.573148 | 220.9966462 | 329.771615 | 213.017349 | 342.7742739 | 210.037626 |
| KM/IFS 31.fract | 553.9080801 | 379.2403469 | 576.077081 | 377.6932309 | 551.7513809 | 352.0753891 | 542.1561852 | 303.5912812 |
| KM/IFS 32.fract | 363.098788 | 337.0009799 | 327.6356301 | 322.334728 | 330.531635 | 310.4182191 | 342.2621431 | 323.1929171 |
| KM/iter fog 002\_2.fract | 622.6404099 | 464.732152 | 644.4560142 | 466.034662 | 619.9247279 | 401.6589639 | 606.4898551 | 402.193758 |
| KM/iter fog 2.fract | 597.0333631 | 168.307447 | 567.2773199 | 154.4291279 | 559.121408 | 177.1516089 | 565.5785029 | 140.2375088 |
| KM/mandelbox 22.fract | 417.050179 | 190.0843971 | 418.3335691 | 162.0040581 | 416.6038079 | 150.692307 | 410.5258591 | 142.3876162 |
| KM/mandelbox10.fract | 1023.937493 | 505.523531 | 1059.581115 | 490.213136 | 1039.300579 | 425.036443 | 1024.59818 | 414.456574 |
| KM/mandelbox11 - rotations.fract | 405.2396529 | 362.010689 | 410.470031 | 358.6510818 | 398.86724 | 331.8932431 | 406.9896221 | 332.0630009 |
| KM/mandelbox15 - rotations.fract | 878.5132599 | 273.4351869 | 884.7406011 | 262.5674272 | 862.4801362 | 243.831882 | 835.7663591 | 240.100234 |
| KM/mandelbox17.fract | 714.0799749 | 214.4696441 | 710.367769 | 202.0087121 | 741.0389991 | 187.6942751 | 699.850822 | 177.307354 |
| KM/mandelbox18.fract | 701.5780439 | 261.527118 | 720.7608099 | 248.1835351 | 726.3184299 | 232.182374 | 707.7742631 | 218.5585549 |
| KM/mandelbox19.fract | 686.800931 | 262.5477531 | 682.448827 | 247.2120841 | 677.4154551 | 233.1870301 | 679.806361 | 220.1677589 |
| KM/mandelbox24.fract | 740.763135 | 210.040818 | 789.7501161 | 187.0799952 | 791.605583 | 189.4247561 | 803.5452561 | 168.1331868 |
| KM/mandelbox25\_3.fract | 589.9693508 | 238.521631 | 635.1905019 | 192.510819 | 580.9905038 | 215.6063421 | 594.815026 | 170.9451389 |
| KM/mandelbox27.fract | 517.737627 | 122.2599428 | 511.387501 | 111.0762129 | 513.413307 | 118.2446489 | 514.1304548 | 107.5402451 |
| KM/mandelbox28.fract | 718.9296191 | 293.646183 | 744.2381558 | 302.05884 | 745.7093329 | 257.8180549 | 768.7371209 | 257.3751402 |
| KM/mandelbox29.fract | 455.014807 | 172.3830032 | 447.6534791 | 165.3268702 | 445.877708 | 161.9203489 | 571.9561958 | 154.0975919 |
| KM/mandelbox30.fract | 385.6098752 | 220.485913 | 385.703876 | 212.860399 | 368.138515 | 196.1244631 | 391.2132139 | 191.45663 |
| KM/mandelbox31.fract | 1030.665703 | 388.5571332 | 998.3011239 | 386.8823111 | 953.3459251 | 341.7697289 | 980.9960349 | 344.8976569 |
| KM/mandelbox36.fract | 761.4692252 | 308.29089 | 761.804363 | 293.9498539 | 749.74158 | 267.8126249 | 735.9430521 | 255.0506961 |
| KM/mandelbox49.fract | 691.4654021 | 523.4427919 | 685.4868851 | 518.451154 | 667.4101491 | 449.631633 | 670.0856109 | 450.6531339 |
| KM/mandelbox52\_2.fract | 562.3082409 | 406.1953442 | 568.0806189 | 398.1149139 | 518.4324532 | 360.961926 | 550.0529079 | 354.2257628 |
| KM/mandelbox8 - maxiter.fract | 1328.209821 | 387.377681 | 1297.871735 | 356.7963371 | 1294.481911 | 341.0122089 | 1259.572839 | 318.8660779 |
| KM/mandelbulb powe 6 - circle.fract | 620.246053 | 168.3540039 | 621.226599 | 156.7334189 | 653.593323 | 151.347909 | 641.433955 | 145.4916 |
| KM/mandelbulb power 2 - slice 4.fract | 484.493572 | 358.3014612 | 475.309736 | 352.6707261 | 450.7896888 | 292.5926111 | 469.817297 | 288.936543 |
| KM/mandelbulb power 2 - slice 5.fract | 920.8186541 | 289.0924299 | 978.2892051 | 277.1226709 | 945.574924 | 249.4510491 | 917.261368 | 239.1645021 |
| KM/mandelbulb power 4 - water.fract | 867.805603 | 250.2440181 | 952.046896 | 215.8282359 | 883.617784 | 239.4434929 | 815.2850158 | 203.4684069 |
| KM/mandelbulb power 8 - 4\_2.fract | 853.2214251 | 275.2312601 | 877.1247971 | 266.3974571 | 854.993942 | 259.6936231 | 863.4144461 | 264.8710721 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 851.4665561 | 234.0362539 | 837.9288208 | 166.1632662 | 816.36727 | 225.920938 | 880.1008599 | 155.059037 |
| KM/menger sponge 004\_2.fract | 448.8523011 | 230.741436 | 433.19716 | 196.0414271 | 439.0082278 | 204.143539 | 418.5605309 | 146.840312 |
| KM/modified mandelbulb 001.fract | 1708.832598 | 266.0350161 | 1747.63353 | 248.7569199 | 1878.262411 | 257.0766439 | 1740.164186 | 254.8294351 |
| KM/orbitTraps 003.fract | 661.665138 | 265.002125 | 882.232688 | 252.4767179 | 666.590327 | 234.8831949 | 719.2745969 | 224.7086649 |
| KM/orbitTraps 004.fract | 612.7657468 | 299.5658371 | 637.7940831 | 290.4970419 | 640.193156 | 267.798106 | 612.3180571 | 261.3942158 |
| KM/orbitTraps 005.fract | 1324.751393 | 502.4347801 | 1313.493171 | 481.4204001 | 1287.217684 | 434.6906261 | 1327.541682 | 412.6146052 |
| KM/orbitTraps 006.fract | 525.0812759 | 268.0379071 | 547.5948069 | 261.0712621 | 531.0079629 | 235.5922849 | 527.613631 | 226.2374158 |
| KM/primitive objects - water.fract | 2617.248994 | 461.4943891 | 2598.557803 | 438.6857309 | 2412.706068 | 447.973237 | 2460.995307 | 429.4754331 |
| KM/xenodreambuie2.fract | 968.1948628 | 226.1239569 | 953.2018168 | 212.0475891 | 966.4315619 | 217.9539411 | 932.4494462 | 201.8504949 |
| KM/xenodreambuie3.fract | 934.078953 | 429.2878249 | 939.9439461 | 426.847748 | 947.4690032 | 401.0080481 | 903.260206 | 404.651129 |
| Makin3D-Julia\_001.fract | 1578.616254 | 384.104322 | 1672.128433 | 367.4196701 | 1605.856803 | 365.1734731 | 1625.09055 | 308.4291861 |
| mandelbox001.fract | 1530.84857 | 454.205673 | 1533.370456 | 413.2200792 | 1539.546592 | 372.7113709 | 1523.952528 | 355.9595082 |
| mandelbox002.fract | 410.6709299 | 161.8211372 | 416.8987441 | 149.2971079 | 397.1269219 | 150.2105229 | 403.676018 | 140.4083869 |
| mandelbulb002.fract | 595.586767 | 134.166189 | 580.8356791 | 134.1805592 | 564.7037511 | 130.7896402 | 563.2506809 | 130.375638 |
| menger-mod1\_001.fract | 317.2471969 | 115.3423049 | 306.8835931 | 110.943809 | 298.3837531 | 107.3389719 | 294.4037688 | 102.996295 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 554.8032808 | 258.9249129 | 561.651607 | 215.8624599 | 563.4735181 | 234.409338 | 593.3170171 | 193.4023919 |
| primitives001.fract | 834.2270529 | 263.5987871 | 845.411478 | 265.2222619 | 843.1977041 | 258.938617 | 829.5036571 | 233.909883 |
| quaternion\_001.fract | 1902.721337 | 287.615814 | 1977.468881 | 227.3508198 | 1919.097441 | 264.6906421 | 1774.53563 | 203.7165039 |
| riemann\_sphere\_msltoe\_001.fract | 1292.006254 | 339.5674989 | 1262.814973 | 229.081779 | 1292.780846 | 347.6961479 | 1228.877033 | 216.989301 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 764.8452952 | 348.5314221 | 783.4042499 | 346.7261231 | 762.5605521 | 323.7663338 | 730.851855 | 307.1861448 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1383.924728 | 473.3932199 | 1037.591166 | 476.5170698 | 1032.832501 | 425.1417422 | 1015.382514 | 427.6032209 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Replication2** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1080.871641 | 421.7579334 | 1079.201645 | 392.960777 | 1062.099327 | 378.3598255 | 1072.129245 | 350.6930064 |
| aboxmod1\_001.fract | 434.963573 | 146.993077 | 435.7169528 | 142.752682 | 417.2827039 | 136.0159221 | 417.786078 | 131.5539711 |
| aboxmod2\_001.fract | 517.5061889 | 159.205806 | 524.3663681 | 153.2701409 | 524.684365 | 144.936657 | 516.8830791 | 139.3636642 |
| aboxvsicen1\_001.fract | 811.305927 | 223.0865691 | 788.903075 | 212.2917752 | 811.9817591 | 203.6157501 | 783.8620598 | 193.404434 |
| aexion\_octopus\_001.fract | 886.572525 | 205.811723 | 904.4992199 | 179.0798841 | 960.3800211 | 176.3997178 | 913.3919148 | 161.995254 |
| amoxmodkali\_001.fract | 483.735111 | 231.7609329 | 497.9542129 | 221.3582401 | 500.4861019 | 203.889097 | 492.9641042 | 196.467258 |
| benesi\_t1\_pine\_tree\_001.fract | 323.1417151 | 216.9496241 | 323.4329379 | 216.3821208 | 325.369895 | 210.9969461 | 321.520463 | 210.021663 |
| bristorbrot001.fract | 898.217005 | 348.9335191 | 908.724438 | 348.199393 | 903.1020501 | 290.9054689 | 919.7799909 | 293.5558059 |
| hybrid002.fract | 536.1727839 | 467.6424608 | 536.5700359 | 463.1634929 | 518.6528149 | 391.7574348 | 500.2700961 | 388.5919909 |
| hybrid004.fract | 540.5867441 | 436.993557 | 527.3985801 | 431.972786 | 515.8304939 | 369.267123 | 514.4325819 | 365.485332 |
| hybrid007.fract | 549.6214869 | 157.4167461 | 562.1165721 | 150.525439 | 552.2874949 | 146.847152 | 560.678865 | 141.56147 |
| IFS\_002.fract | 298.309181 | 232.9739211 | 288.3550351 | 236.530483 | 315.4681611 | 221.7113039 | 286.4338551 | 220.047852 |
| iq\_bulb\_001.fract | 1044.47159 | 256.9616869 | 1040.579078 | 245.7588432 | 1068.214413 | 243.2316649 | 1048.687384 | 232.3673689 |
| keyframe\_anim\_mandelbox\_boxes.fract | 289.2207088 | 134.4916081 | 296.0781541 | 128.2591841 | 278.307128 | 126.7420981 | 287.1755178 | 120.4494081 |
| KM/aexion01.fract | 1532.201085 | 587.5916581 | 1640.094545 | 475.8108799 | 1482.643858 | 410.7506552 | 1624.939497 | 379.1089139 |
| KM/benesi03.fract | 625.3010678 | 294.3168461 | 507.9281921 | 280.7134352 | 543.7918952 | 261.3127391 | 479.924752 | 249.971719 |
| KM/Bristorbrot.fract | 1391.454027 | 375.8357129 | 1350.953292 | 343.9693401 | 1522.06253 | 403.066901 | 1459.886113 | 287.128891 |
| KM/bristorbrot01.fract | 1071.246871 | 431.5322371 | 1082.078093 | 450.7343159 | 1013.3405 | 375.114301 | 1214.04168 | 382.1428769 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 815.5950751 | 242.5987382 | 816.149678 | 233.4518819 | 773.614502 | 214.8797829 | 770.524456 | 207.437319 |
| KM/equirectangular menger sponge.fract | 390.1164451 | 385.4589338 | 382.457725 | 384.4197969 | 324.735991 | 314.5945611 | 324.88849 | 309.138417 |
| KM/fish eye.fract | 227.9367089 | 90.45594692 | 229.713376 | 86.08693004 | 214.710923 | 84.37219 | 216.910645 | 82.49904108 |
| KM/folded mender sponge.fract | 519.341646 | 204.870085 | 504.7368531 | 201.1727381 | 518.4091759 | 190.9703469 | 497.796808 | 186.743391 |
| KM/hybrid16.fract | 474.8957942 | 342.468622 | 509.750752 | 334.9085221 | 445.7442329 | 303.7827911 | 615.6721749 | 297.4320209 |
| KM/hybrid17.fract | 236.6604822 | 133.2913821 | 245.2576661 | 124.8289731 | 267.3499331 | 124.13164 | 247.842665 | 115.2120919 |
| KM/hybrid18\_2.fract | 485.2944741 | 479.844244 | 481.7781169 | 471.6149621 | 430.6350238 | 414.7148719 | 427.3303161 | 408.5708678 |
| KM/hybrid19.fract | 1912.42766 | 543.5152071 | 2047.7025 | 420.538702 | 1960.814175 | 483.8960762 | 2016.907617 | 358.938349 |
| KM/hybrid20.fract | 1299.52785 | 874.5423961 | 1312.173991 | 851.642905 | 1218.160597 | 772.8172781 | 1247.157842 | 771.8721771 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1314.899511 | 495.5597041 | 1287.133023 | 468.6608131 | 1344.411069 | 441.928812 | 1322.345844 | 415.5010948 |
| KM/hybrid42.fract | 434.2960961 | 191.7453709 | 445.4700801 | 163.130909 | 443.810504 | 175.431576 | 447.9493871 | 150.501811 |
| KM/hypercomplex 03.fract | 1027.497295 | 222.1898019 | 1053.142254 | 213.797405 | 1030.793432 | 196.7405729 | 1016.470426 | 186.361479 |
| KM/IFS 19 - maxiter.fract | 1412.607227 | 544.1191628 | 1470.930423 | 348.9251468 | 1400.366673 | 497.8457382 | 1495.741288 | 305.689827 |
| KM/IFS 20.fract | 621.4880879 | 412.8597 | 644.086026 | 405.076129 | 612.1944232 | 383.2708111 | 644.7070289 | 375.003377 |
| KM/IFS 21.fract | 314.3963509 | 186.2397459 | 309.996269 | 185.9643738 | 298.4864511 | 177.7832401 | 311.246083 | 177.422718 |
| KM/IFS 25.fract | 351.137481 | 177.2925491 | 356.5876989 | 172.528373 | 339.359704 | 167.013972 | 376.961319 | 161.9270861 |
| KM/IFS 29\_2.fract | 334.454535 | 225.075156 | 326.667763 | 220.7495689 | 338.3107829 | 213.129643 | 323.2604229 | 209.7737601 |
| KM/IFS 31.fract | 515.1730731 | 342.898175 | 539.6002839 | 336.592845 | 510.453372 | 310.3802609 | 521.3157709 | 303.7751291 |
| KM/IFS 32.fract | 386.7183259 | 346.024457 | 355.3309419 | 341.9182539 | 339.5438221 | 341.3337572 | 304.2966831 | 324.3904788 |
| KM/iter fog 002\_2.fract | 638.1758459 | 464.8553722 | 638.282532 | 462.4388239 | 596.5567489 | 399.9223011 | 620.15064 | 401.61427 |
| KM/iter fog 2.fract | 561.9751942 | 190.1984899 | 575.9369581 | 159.737644 | 535.4882631 | 177.4950171 | 547.932354 | 134.34516 |
| KM/mandelbox 22.fract | 404.6736739 | 170.357795 | 427.1785991 | 161.7926641 | 405.6615162 | 149.6186111 | 410.779686 | 142.5682881 |
| KM/mandelbox10.fract | 1024.031883 | 507.4356949 | 1002.714275 | 489.8029768 | 968.2602031 | 434.320143 | 1027.147405 | 415.819876 |
| KM/mandelbox11 - rotations.fract | 407.535671 | 351.4271581 | 413.4064908 | 344.460768 | 392.7451041 | 320.6156189 | 396.0272 | 317.6725659 |
| KM/mandelbox15 - rotations.fract | 808.0518241 | 282.0313821 | 863.6357942 | 268.51107 | 807.368156 | 255.2476981 | 825.4443619 | 239.0131409 |
| KM/mandelbox17.fract | 725.7180681 | 218.1632411 | 723.0299351 | 200.7184432 | 714.8556919 | 192.1771271 | 699.4870591 | 177.8349221 |
| KM/mandelbox18.fract | 658.922698 | 285.2715979 | 661.2458169 | 247.1036339 | 650.6241591 | 257.5115528 | 691.3402052 | 219.40818 |
| KM/mandelbox19.fract | 641.535609 | 285.347069 | 697.0812218 | 247.480309 | 628.0042329 | 264.4782991 | 681.0012972 | 219.9551191 |
| KM/mandelbox24.fract | 785.7722151 | 251.5178492 | 740.0153542 | 187.8467121 | 754.6587501 | 233.1663768 | 812.3250072 | 168.9032319 |
| KM/mandelbox25\_3.fract | 575.5384381 | 202.1257532 | 641.2054539 | 189.692646 | 588.7729931 | 179.259635 | 600.7685151 | 168.736953 |
| KM/mandelbox27.fract | 492.9265349 | 152.7188489 | 521.2754481 | 118.530427 | 498.318172 | 143.878094 | 506.7806091 | 112.9315109 |
| KM/mandelbox28.fract | 685.09779 | 346.350703 | 673.7422988 | 347.0192471 | 664.280757 | 318.709419 | 664.8801 | 315.8449411 |
| KM/mandelbox29.fract | 455.3356519 | 175.2277341 | 444.5330501 | 165.2156341 | 454.6039929 | 161.7532589 | 446.829319 | 152.7960391 |
| KM/mandelbox30.fract | 373.5492239 | 224.1097329 | 374.066082 | 212.941124 | 355.1386728 | 202.338836 | 379.0298941 | 190.418232 |
| KM/mandelbox31.fract | 940.8945739 | 453.092129 | 920.7515459 | 459.9762399 | 944.243535 | 420.1466661 | 929.2861781 | 417.247503 |
| KM/mandelbox36.fract | 745.1964209 | 308.0636392 | 731.3974199 | 293.0588491 | 708.5387239 | 269.1749048 | 715.5869131 | 254.3861618 |
| KM/mandelbox49.fract | 669.1789732 | 523.0311201 | 690.603786 | 516.000304 | 650.911376 | 451.9539778 | 656.131793 | 450.746171 |
| KM/mandelbox52\_2.fract | 605.4761081 | 407.052891 | 584.718833 | 397.582376 | 597.602597 | 360.0497279 | 568.6277361 | 353.7502222 |
| KM/mandelbox8 - maxiter.fract | 1366.813147 | 374.3090332 | 1335.209539 | 365.121268 | 1317.485018 | 329.2596328 | 1288.089301 | 318.0406699 |
| KM/mandelbulb powe 6 - circle.fract | 667.114507 | 160.8434701 | 644.3022931 | 155.520648 | 658.634979 | 151.1871991 | 621.5567579 | 145.3029339 |
| KM/mandelbulb power 2 - slice 4.fract | 470.2889829 | 357.8697331 | 459.4600718 | 354.5078499 | 432.2591481 | 292.9974232 | 462.5744679 | 288.523608 |
| KM/mandelbulb power 2 - slice 5.fract | 886.2493548 | 302.2172391 | 931.6075151 | 277.058924 | 868.452261 | 264.246794 | 929.0831771 | 241.2345951 |
| KM/mandelbulb power 4 - water.fract | 914.7641921 | 271.724041 | 883.7779689 | 214.8633251 | 896.158885 | 250.057065 | 848.636112 | 204.612042 |
| KM/mandelbulb power 8 - 4\_2.fract | 825.629611 | 287.5642169 | 873.4904292 | 271.6369641 | 862.133702 | 273.0848401 | 880.2760811 | 256.643043 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 865.9362428 | 214.1148679 | 849.856061 | 164.3316851 | 862.0956392 | 217.3582389 | 870.3375471 | 154.015837 |
| KM/menger sponge 004\_2.fract | 456.6779759 | 211.0784001 | 439.552464 | 152.72649 | 425.3232758 | 201.8219371 | 448.9616961 | 148.8685281 |
| KM/modified mandelbulb 001.fract | 1649.276068 | 316.565655 | 1696.289934 | 266.299046 | 1694.945273 | 300.4960959 | 1716.241216 | 253.553133 |
| KM/orbitTraps 003.fract | 707.8635218 | 259.4179611 | 708.5472829 | 251.642096 | 691.0942872 | 230.7938418 | 695.1600881 | 222.9431322 |
| KM/orbitTraps 004.fract | 663.06285 | 296.4225922 | 663.072227 | 289.0972509 | 644.3883538 | 267.2248862 | 643.503948 | 262.4743209 |
| KM/orbitTraps 005.fract | 1530.349548 | 497.1905971 | 1353.297497 | 480.7941411 | 1518.271148 | 428.72385 | 1384.444552 | 412.7468441 |
| KM/orbitTraps 006.fract | 555.6150789 | 264.6176541 | 575.3973649 | 258.329051 | 558.893527 | 232.4489121 | 551.044524 | 226.3936801 |
| KM/primitive objects - water.fract | 2573.194314 | 503.511385 | 2476.706013 | 446.419081 | 2588.833819 | 475.8296359 | 2498.58703 | 427.3417029 |
| KM/xenodreambuie2.fract | 1267.10312 | 216.1128001 | 998.531244 | 209.2643759 | 984.7890301 | 206.1812699 | 1013.24038 | 199.3045061 |
| KM/xenodreambuie3.fract | 932.9324579 | 428.259233 | 994.5721869 | 427.5340109 | 904.0809681 | 399.3713951 | 918.790853 | 407.8102429 |
| Makin3D-Julia\_001.fract | 1530.024917 | 423.3145218 | 1552.322865 | 374.3320429 | 1525.215455 | 355.3490529 | 1566.351384 | 307.4330008 |
| mandelbox001.fract | 1663.107647 | 432.2578781 | 1583.424254 | 411.211302 | 1575.919537 | 374.0542381 | 1654.199899 | 358.6792929 |
| mandelbox002.fract | 412.1834419 | 153.2299888 | 399.592875 | 148.3791258 | 398.4842601 | 144.6079991 | 406.8597009 | 140.1504631 |
| mandelbulb002.fract | 596.0710869 | 118.730155 | 608.735925 | 121.6036232 | 566.0312521 | 114.4690678 | 590.0442848 | 115.8304489 |
| menger-mod1\_001.fract | 321.4776361 | 113.386343 | 327.422823 | 110.6907699 | 307.2394769 | 105.5989959 | 303.1943181 | 102.8469241 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 592.0525858 | 253.4395208 | 588.2714701 | 213.537246 | 569.6853371 | 199.4261992 | 598.1887281 | 193.749274 |
| primitives001.fract | 878.572284 | 220.4475739 | 892.330231 | 226.1870492 | 836.7333641 | 218.226063 | 839.513437 | 221.394819 |
| quaternion\_001.fract | 1971.357731 | 269.7557471 | 1962.087232 | 224.2730629 | 2004.244402 | 240.0120661 | 1866.226852 | 195.636246 |
| riemann\_sphere\_msltoe\_001.fract | 1165.532579 | 395.1197441 | 1190.7071 | 232.9038131 | 1218.916755 | 390.4667571 | 1201.827275 | 219.7351551 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 708.180306 | 363.4679739 | 735.5283411 | 360.621201 | 659.9460831 | 322.2128072 | 691.4183941 | 322.1201799 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1172.789145 | 452.582412 | 1168.77037 | 452.0696199 | 1173.279777 | 398.6871488 | 1187.863124 | 398.794965 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Replication3** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1068.756169 | 418.9263422 | 1086.60923 | 391.2388263 | 1061.023547 | 370.359455 | 1076.006849 | 352.1009282 |
| aboxmod1\_001.fract | 428.990665 | 148.0225611 | 424.922667 | 142.7432749 | 403.8589568 | 135.6463821 | 432.083868 | 132.482888 |
| aboxmod2\_001.fract | 511.9704552 | 159.512707 | 524.79198 | 154.035332 | 527.8370202 | 148.9626632 | 517.9400971 | 138.91781 |
| aboxvsicen1\_001.fract | 820.051441 | 224.1660089 | 814.970654 | 212.446197 | 794.7583539 | 214.74789 | 771.0189471 | 197.4702001 |
| aexion\_octopus\_001.fract | 877.6503439 | 194.459141 | 917.4646621 | 178.186306 | 919.595542 | 177.8147969 | 888.345166 | 157.1478159 |
| amoxmodkali\_001.fract | 482.0061059 | 228.802871 | 485.6843989 | 222.535152 | 481.5711172 | 205.685643 | 488.267339 | 196.2099721 |
| benesi\_t1\_pine\_tree\_001.fract | 325.6575322 | 217.43626 | 322.0903142 | 214.8318992 | 320.4425931 | 210.990911 | 335.0522299 | 200.491878 |
| bristorbrot001.fract | 885.851162 | 348.712014 | 871.6761458 | 346.7248781 | 919.8147011 | 292.732018 | 878.426048 | 307.3138809 |
| hybrid002.fract | 529.5563259 | 467.48228 | 541.0811391 | 462.7922211 | 506.4293091 | 482.1387908 | 502.73822 | 390.2629571 |
| hybrid004.fract | 516.0358429 | 435.4644492 | 548.2952759 | 432.5247331 | 522.9177561 | 370.7058041 | 507.998245 | 366.1771009 |
| hybrid007.fract | 536.8711071 | 157.1829669 | 545.3301361 | 150.2133431 | 554.6172879 | 151.655848 | 544.0059769 | 142.2467041 |
| IFS\_002.fract | 290.215832 | 233.83865 | 290.988121 | 232.9759021 | 270.471251 | 217.492136 | 281.5375879 | 212.6553719 |
| iq\_bulb\_001.fract | 1038.4351 | 256.2730541 | 1053.698838 | 244.6231101 | 1080.795783 | 260.695776 | 1023.389332 | 234.3480101 |
| keyframe\_anim\_mandelbox\_boxes.fract | 287.01684 | 136.0480709 | 292.6496999 | 127.398706 | 288.2386398 | 126.810528 | 285.8483331 | 120.300468 |
| KM/aexion01.fract | 1485.408805 | 513.0344131 | 1644.162243 | 476.9645729 | 1536.5372 | 413.25793 | 1575.113502 | 379.4207621 |
| KM/benesi03.fract | 494.6451731 | 292.983953 | 505.8685579 | 283.9101989 | 491.978755 | 261.2135961 | 503.6961579 | 266.7703168 |
| KM/Bristorbrot.fract | 1441.036553 | 376.843272 | 1474.925561 | 344.5951748 | 1413.601524 | 317.116652 | 1420.986041 | 288.165415 |
| KM/bristorbrot01.fract | 1046.364554 | 452.579998 | 1082.107025 | 427.73368 | 1063.625684 | 361.1832211 | 1125.065627 | 397.2125041 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 790.1604149 | 243.3287001 | 769.9191039 | 233.1845019 | 765.9622529 | 215.3739669 | 771.3854129 | 208.8543849 |
| KM/equirectangular menger sponge.fract | 390.1063969 | 386.8666999 | 385.557785 | 381.0220239 | 326.9935589 | 314.6700418 | 317.457458 | 308.0532179 |
| KM/fish eye.fract | 223.6353409 | 90.44715285 | 247.7340729 | 90.25131416 | 233.0171609 | 86.31591702 | 228.7834249 | 86.07613206 |
| KM/folded mender sponge.fract | 523.5604692 | 205.1043541 | 523.6996951 | 199.2595961 | 509.4628301 | 190.7252431 | 517.3238301 | 188.472913 |
| KM/hybrid16.fract | 459.4532361 | 341.8650842 | 482.235574 | 335.5432129 | 437.139334 | 305.2554061 | 455.6312921 | 295.792264 |
| KM/hybrid17.fract | 231.36849 | 135.6395731 | 245.2627211 | 124.1595569 | 240.5499558 | 117.9615102 | 238.6904891 | 114.7340791 |
| KM/hybrid18\_2.fract | 483.2024879 | 478.0782969 | 485.9871731 | 474.5774739 | 428.4543099 | 412.5373518 | 429.3060999 | 410.2676981 |
| KM/hybrid19.fract | 2018.384579 | 555.20242 | 1997.799285 | 413.4954379 | 1982.6348 | 388.999568 | 2320.581053 | 358.3868351 |
| KM/hybrid20.fract | 1325.349972 | 847.9712532 | 1378.015726 | 864.2665741 | 1260.008858 | 793.8450899 | 1241.638751 | 789.3259089 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1331.474619 | 492.9158232 | 1312.951164 | 468.6548879 | 1357.168151 | 430.171293 | 1333.181108 | 414.5422609 |
| KM/hybrid42.fract | 453.8261921 | 187.9822772 | 442.0380671 | 163.379636 | 438.917778 | 154.6213722 | 456.4996128 | 149.002104 |
| KM/hypercomplex 03.fract | 1062.989598 | 222.5908151 | 1026.571604 | 216.3884561 | 1024.447009 | 196.130862 | 978.466321 | 189.312876 |
| KM/IFS 19 - maxiter.fract | 1464.868749 | 540.9801202 | 1431.279479 | 345.7856259 | 1476.119049 | 383.497617 | 1493.741393 | 295.3018909 |
| KM/IFS 20.fract | 650.5777059 | 413.6951139 | 660.193234 | 405.1268079 | 626.640831 | 382.6005359 | 640.2849181 | 374.8515339 |
| KM/IFS 21.fract | 315.530745 | 186.4838099 | 316.0770898 | 185.2253749 | 307.3303962 | 176.4262948 | 323.5625489 | 177.1670918 |
| KM/IFS 25.fract | 360.599854 | 178.1957059 | 352.542661 | 172.3013518 | 354.6805439 | 166.567987 | 357.9797869 | 161.4993498 |
| KM/IFS 29\_2.fract | 330.081713 | 225.2667131 | 334.942631 | 220.7055171 | 325.874341 | 212.4849012 | 336.0637419 | 210.211539 |
| KM/IFS 31.fract | 523.160156 | 343.0460489 | 530.5425758 | 336.6709621 | 508.3343019 | 309.755816 | 713.7595 | 346.844543 |
| KM/IFS 32.fract | 351.643755 | 341.299257 | 331.9071009 | 344.456145 | 356.0847611 | 319.3161979 | 340.9635971 | 245.3676021 |
| KM/iter fog 002\_2.fract | 655.0084081 | 463.4430211 | 638.852596 | 463.412766 | 620.7268732 | 401.3639891 | 624.858242 | 402.7553241 |
| KM/iter fog 2.fract | 563.9438462 | 193.867172 | 592.5422931 | 157.5169609 | 531.7222121 | 148.777226 | 564.5380871 | 137.3906391 |
| KM/mandelbox 22.fract | 407.8474669 | 166.982908 | 408.5667579 | 162.286829 | 388.511014 | 150.1747 | 409.3088529 | 143.94063 |
| KM/mandelbox10.fract | 970.381258 | 509.3246732 | 1050.348245 | 490.0775769 | 963.4287851 | 426.358125 | 1038.105354 | 413.902992 |
| KM/mandelbox11 - rotations.fract | 398.369765 | 349.835103 | 401.9522059 | 346.300683 | 404.091145 | 318.8824039 | 409.6892099 | 328.429389 |
| KM/mandelbox15 - rotations.fract | 811.922291 | 284.2871048 | 863.6641369 | 267.1244149 | 794.550921 | 242.142735 | 827.756176 | 233.0015581 |
| KM/mandelbox17.fract | 697.877753 | 219.5297699 | 700.4159 | 201.5754459 | 723.9892311 | 188.7904859 | 730.0521731 | 177.1916032 |
| KM/mandelbox18.fract | 741.122823 | 288.454885 | 705.294543 | 247.0862389 | 683.729553 | 261.7586651 | 691.072587 | 219.855835 |
| KM/mandelbox19.fract | 665.3122439 | 290.2329011 | 666.8783071 | 247.547596 | 707.6322019 | 234.1935101 | 706.0522249 | 220.7960179 |
| KM/mandelbox24.fract | 748.72139 | 256.3220291 | 725.8695261 | 188.319643 | 691.3690331 | 187.2609179 | 844.585726 | 173.532526 |
| KM/mandelbox25\_3.fract | 582.769434 | 200.752744 | 578.7052381 | 192.4125681 | 563.25597 | 180.9460659 | 613.4468429 | 174.6181331 |
| KM/mandelbox27.fract | 480.3673759 | 155.702275 | 703.404418 | 117.196116 | 533.1432998 | 118.387084 | 519.7662961 | 106.3671601 |
| KM/mandelbox28.fract | 671.7085321 | 282.313709 | 748.2084711 | 338.778724 | 728.724715 | 257.4131119 | 735.6168699 | 258.3989499 |
| KM/mandelbox29.fract | 445.6339779 | 190.3010819 | 439.1844318 | 165.505641 | 448.1128991 | 158.8338189 | 460.1605351 | 153.1808839 |
| KM/mandelbox30.fract | 360.6924779 | 223.567148 | 375.0429802 | 212.6075552 | 356.2727952 | 195.5356081 | 370.6288271 | 191.0976529 |
| KM/mandelbox31.fract | 992.26949 | 446.997792 | 970.854383 | 391.516216 | 1013.050242 | 409.4184189 | 990.3415179 | 342.8460209 |
| KM/mandelbox36.fract | 723.6598432 | 309.8196511 | 779.648665 | 292.4117601 | 712.8379018 | 267.107619 | 711.607795 | 256.036582 |
| KM/mandelbox49.fract | 682.3511891 | 516.0534461 | 675.1612332 | 518.050463 | 697.2677879 | 450.1260431 | 643.477736 | 448.1732039 |
| KM/mandelbox52\_2.fract | 568.7328339 | 405.503396 | 548.6497569 | 397.8525331 | 563.927505 | 360.7098851 | 527.8802621 | 354.2315199 |
| KM/mandelbox8 - maxiter.fract | 1327.526774 | 375.6385281 | 1307.850323 | 365.6396582 | 1199.815431 | 328.078392 | 1324.573804 | 316.121299 |
| KM/mandelbulb powe 6 - circle.fract | 642.4946961 | 161.509289 | 633.281491 | 154.6049092 | 652.26845 | 150.137805 | 653.0283811 | 146.6372371 |
| KM/mandelbulb power 2 - slice 4.fract | 457.259171 | 357.8987072 | 464.020009 | 351.4175801 | 462.6312048 | 293.6457679 | 453.982048 | 353.3544362 |
| KM/mandelbulb power 2 - slice 5.fract | 918.9891698 | 303.501652 | 942.0512261 | 276.9049342 | 875.8046801 | 251.7019098 | 938.6557992 | 238.1972189 |
| KM/mandelbulb power 4 - water.fract | 886.5185599 | 249.6793649 | 849.793143 | 216.8670001 | 864.0067 | 247.992902 | 843.653095 | 204.001225 |
| KM/mandelbulb power 8 - 4\_2.fract | 870.3070879 | 287.1195719 | 860.7928531 | 272.2658319 | 883.7384989 | 273.3340061 | 892.3650551 | 251.8212111 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 858.3684609 | 222.7638731 | 841.920429 | 167.9048572 | 875.2068489 | 213.392843 | 858.5119491 | 160.836925 |
| KM/menger sponge 004\_2.fract | 433.56669 | 206.6674201 | 446.9971828 | 153.341733 | 428.4053099 | 231.6197879 | 446.216814 | 194.459306 |
| KM/modified mandelbulb 001.fract | 1681.582211 | 308.7357199 | 1753.863154 | 262.9202828 | 1819.568022 | 256.848383 | 1725.304128 | 246.807972 |
| KM/orbitTraps 003.fract | 711.9332449 | 260.4882391 | 702.5280581 | 252.047441 | 692.1806879 | 235.689683 | 694.775413 | 222.9821441 |
| KM/orbitTraps 004.fract | 660.634953 | 295.6577001 | 667.6958609 | 288.139631 | 597.5808761 | 268.275743 | 700.2321601 | 262.9428179 |
| KM/orbitTraps 005.fract | 1356.206137 | 496.589143 | 1409.568058 | 479.730247 | 1282.742592 | 428.701546 | 1270.069136 | 415.0251949 |
| KM/orbitTraps 006.fract | 554.443507 | 266.6762578 | 577.5276461 | 260.7651632 | 520.1770239 | 234.5221212 | 543.602505 | 227.444284 |
| KM/primitive objects - water.fract | 2522.601803 | 502.426296 | 2604.660274 | 440.295568 | 2515.340337 | 433.170136 | 2680.4462 | 438.8494251 |
| KM/xenodreambuie2.fract | 984.9728031 | 216.7042291 | 953.7187281 | 209.0554299 | 1000.781946 | 216.4669309 | 926.5187559 | 202.6665761 |
| KM/xenodreambuie3.fract | 956.5537238 | 426.9171369 | 904.0684059 | 426.3054361 | 1009.83667 | 407.4089742 | 929.174643 | 403.77707 |
| Makin3D-Julia\_001.fract | 1563.568396 | 427.0645921 | 1623.404023 | 369.7133641 | 1494.89865 | 320.2295952 | 1571.881193 | 301.9029489 |
| mandelbox001.fract | 1579.47351 | 431.6985171 | 1646.875429 | 411.2232592 | 1542.980289 | 397.121058 | 1597.111069 | 358.7066669 |
| mandelbox002.fract | 402.6344621 | 153.929126 | 427.9313581 | 148.1601939 | 395.1376309 | 145.0014279 | 405.6284082 | 145.2041109 |
| mandelbulb002.fract | 571.576875 | 119.287802 | 592.468693 | 120.2638481 | 529.834003 | 130.747798 | 547.3881061 | 130.0881519 |
| menger-mod1\_001.fract | 318.6892629 | 113.7481871 | 322.1948791 | 110.7847071 | 316.135962 | 107.1909308 | 302.7764099 | 103.3686619 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 574.5768561 | 221.6208329 | 585.3012629 | 215.9334779 | 588.7404919 | 199.063164 | 583.2844391 | 195.93661 |
| primitives001.fract | 870.0671639 | 226.2432721 | 890.0475249 | 229.4912131 | 873.0339451 | 232.327724 | 795.7881081 | 259.188745 |
| quaternion\_001.fract | 1869.484041 | 267.599005 | 1876.22346 | 221.6744249 | 1815.576311 | 260.3931582 | 1748.60585 | 203.951005 |
| riemann\_sphere\_msltoe\_001.fract | 1225.012853 | 404.4082718 | 1292.9861 | 227.2010279 | 1387.421984 | 389.6919289 | 1265.659389 | 216.0834472 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 710.9405699 | 364.3279331 | 707.0579281 | 362.4903531 | 663.2457001 | 306.608237 | 721.2951488 | 311.6062579 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1158.956442 | 453.5871649 | 1142.518066 | 451.919137 | 1191.066769 | 397.917377 | 1144.12458 | 426.689842 |

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| **Replication4** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1083.516487 | 415.5256021 | 1086.58062 | 392.208704 | 1068.24087 | 371.7422822 | 1069.519723 | 350.1921478 |
| aboxmod1\_001.fract | 418.015305 | 155.527703 | 415.2156291 | 144.109971 | 420.345031 | 143.354656 | 426.5368791 | 132.912787 |
| aboxmod2\_001.fract | 508.3432229 | 163.3626559 | 505.668283 | 153.6237202 | 492.4003918 | 147.738508 | 504.644757 | 139.5281782 |
| aboxvsicen1\_001.fract | 871.353343 | 235.5824029 | 768.4902301 | 213.0091882 | 768.7362831 | 216.4988899 | 781.0382409 | 197.6726799 |
| aexion\_octopus\_001.fract | 917.6115129 | 218.0058858 | 878.173233 | 179.59501 | 856.6739821 | 166.0954092 | 858.0662811 | 156.9038708 |
| amoxmodkali\_001.fract | 509.600899 | 230.325048 | 510.020839 | 222.0005 | 487.4237492 | 205.1335289 | 499.2730041 | 197.5597849 |
| benesi\_t1\_pine\_tree\_001.fract | 335.9217381 | 204.7902129 | 336.3327219 | 204.8859839 | 331.2620349 | 199.4668579 | 327.8768799 | 201.0119059 |
| bristorbrot001.fract | 875.793196 | 362.556457 | 918.3812881 | 360.4602849 | 854.349812 | 306.122963 | 874.211715 | 305.3051012 |
| hybrid002.fract | 533.0645571 | 471.0793779 | 531.950948 | 462.0812719 | 508.609545 | 390.853631 | 517.8433421 | 390.473588 |
| hybrid004.fract | 534.0697448 | 436.9330351 | 547.6827219 | 432.472955 | 503.3901968 | 369.090858 | 523.7117131 | 365.4477241 |
| hybrid007.fract | 539.4480731 | 161.6293769 | 546.903522 | 151.234802 | 607.326133 | 151.7828631 | 534.6190672 | 141.906184 |
| IFS\_002.fract | 281.831502 | 229.9195631 | 278.1657159 | 226.0477531 | 281.1825631 | 217.9149351 | 292.2993209 | 214.0848861 |
| iq\_bulb\_001.fract | 1029.93933 | 273.1800411 | 1040.706487 | 247.1627989 | 1034.052943 | 263.2103798 | 1004.21346 | 235.0273602 |
| keyframe\_anim\_mandelbox\_boxes.fract | 302.8359141 | 131.388145 | 287.489146 | 127.1532018 | 297.1276879 | 122.339474 | 286.2949049 | 119.8883281 |
| KM/aexion01.fract | 1605.997473 | 511.346839 | 1630.082651 | 479.1130209 | 1556.773182 | 407.6751058 | 1590.100644 | 380.8014798 |
| KM/benesi03.fract | 502.177532 | 305.6705639 | 507.4975178 | 295.3556972 | 504.495744 | 276.0587549 | 503.2598751 | 267.829509 |
| KM/Bristorbrot.fract | 1407.937937 | 367.9694111 | 1458.604956 | 342.867255 | 1433.314493 | 310.2055149 | 1394.473322 | 287.247442 |
| KM/bristorbrot01.fract | 1112.868513 | 427.2911839 | 1091.916562 | 367.952419 | 1088.838972 | 375.0065889 | 1110.578198 | 383.188755 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 730.8623638 | 250.424685 | 741.3728721 | 233.821208 | 759.4378128 | 224.291012 | 743.8519032 | 208.5712929 |
| KM/equirectangular menger sponge.fract | 383.2861781 | 384.0962529 | 379.9203019 | 381.4937699 | 318.0910439 | 310.3146679 | 317.090313 | 307.5652969 |
| KM/fish eye.fract | 239.903563 | 86.78371882 | 285.4740348 | 93.68232799 | 237.9117639 | 80.98199797 | 233.5978491 | 84.25444603 |
| KM/folded mender sponge.fract | 480.2013052 | 209.440943 | 503.845068 | 200.366905 | 521.927907 | 196.156579 | 489.694382 | 189.1112971 |
| KM/hybrid16.fract | 484.65272 | 340.4621432 | 499.6169028 | 335.134352 | 473.2431769 | 302.0364811 | 488.3957789 | 297.4750159 |
| KM/hybrid17.fract | 248.4673209 | 127.6157141 | 250.500514 | 124.4387372 | 239.31903 | 119.6730831 | 256.4290292 | 115.325043 |
| KM/hybrid18\_2.fract | 483.194953 | 479.98066 | 480.9997871 | 476.52827 | 427.5781488 | 412.7432449 | 430.202492 | 408.0863111 |
| KM/hybrid19.fract | 2058.475861 | 448.9162011 | 2132.475286 | 410.2576551 | 2059.696406 | 405.6956251 | 2189.834364 | 360.7768481 |
| KM/hybrid20.fract | 1323.425469 | 891.9156451 | 1321.429782 | 859.5445821 | 1257.684158 | 795.850883 | 1237.079996 | 776.525625 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1338.023034 | 482.778497 | 1266.27299 | 466.4432988 | 1353.570257 | 429.074039 | 1327.353303 | 418.8242519 |
| KM/hybrid42.fract | 492.1073339 | 169.2358389 | 475.324038 | 162.4467661 | 470.2725499 | 154.97875 | 463.078836 | 149.6675711 |
| KM/hypercomplex 03.fract | 992.029516 | 235.536284 | 1018.770649 | 217.7507448 | 962.1996169 | 215.0261431 | 956.730125 | 192.431056 |
| KM/IFS 19 - maxiter.fract | 1477.792703 | 415.4140532 | 1550.736577 | 339.6541181 | 1506.078898 | 378.367727 | 1468.264942 | 296.3752708 |
| KM/IFS 20.fract | 695.9587259 | 438.7139599 | 653.6958301 | 427.3096299 | 663.515573 | 407.6767161 | 662.827569 | 398.3618569 |
| KM/IFS 21.fract | 331.0180321 | 183.891012 | 325.4207449 | 184.090234 | 325.0547869 | 176.2003782 | 316.5225251 | 175.7195041 |
| KM/IFS 25.fract | 371.8037591 | 176.1292639 | 377.5675941 | 171.9825089 | 373.18378 | 165.4747608 | 358.390111 | 161.1448479 |
| KM/IFS 29\_2.fract | 344.4962769 | 223.8290989 | 343.553679 | 220.81657 | 329.7519491 | 212.8931739 | 340.067328 | 209.5464129 |
| KM/IFS 31.fract | 819.7897449 | 371.6592619 | 577.793083 | 371.6639969 | 546.1714289 | 343.4750249 | 585.9136438 | 348.0458369 |
| KM/IFS 32.fract | 349.09705 | 342.1476259 | 327.5925231 | 324.997375 | 363.151051 | 307.4823978 | 307.451231 | 248.178432 |
| KM/iter fog 002\_2.fract | 627.440171 | 467.036088 | 639.6175139 | 464.862056 | 597.281889 | 402.3393641 | 622.5870018 | 404.0376649 |
| KM/iter fog 2.fract | 583.445339 | 166.5200081 | 592.9654419 | 155.2589049 | 569.5885019 | 150.801307 | 582.3670521 | 137.2142761 |
| KM/mandelbox 22.fract | 431.5365171 | 187.61185 | 451.053863 | 162.797194 | 416.189312 | 168.09551 | 415.5499921 | 142.6193271 |
| KM/mandelbox10.fract | 1057.883323 | 507.7045031 | 1109.551363 | 490.5830691 | 986.263654 | 426.0284841 | 1029.118801 | 413.8039598 |
| KM/mandelbox11 - rotations.fract | 414.947149 | 363.3865991 | 408.031333 | 354.192435 | 405.9820001 | 335.250824 | 408.407012 | 332.592572 |
| KM/mandelbox15 - rotations.fract | 918.920002 | 273.6444941 | 865.4743731 | 263.8434811 | 854.6307821 | 242.1498148 | 857.384233 | 234.227756 |
| KM/mandelbox17.fract | 744.3686459 | 213.6455891 | 729.769624 | 200.855684 | 734.1315942 | 188.609241 | 716.767601 | 176.5707381 |
| KM/mandelbox18.fract | 704.1405919 | 261.8614099 | 693.0270519 | 247.4421542 | 701.8052309 | 233.3046169 | 710.242413 | 220.1190271 |
| KM/mandelbox19.fract | 688.951977 | 262.6988661 | 693.092133 | 247.7548161 | 667.7921221 | 234.019779 | 681.5529869 | 221.2350171 |
| KM/mandelbox24.fract | 773.399442 | 209.021297 | 759.6988471 | 187.5923431 | 822.957823 | 186.6603868 | 757.1243632 | 171.238215 |
| KM/mandelbox25\_3.fract | 586.955344 | 239.8360739 | 600.8351202 | 192.4239929 | 588.8430672 | 214.7590029 | 607.3025701 | 171.4519131 |
| KM/mandelbox27.fract | 519.1036329 | 123.8241291 | 518.557838 | 110.9913831 | 509.2810099 | 120.890588 | 512.7377448 | 106.157269 |
| KM/mandelbox28.fract | 745.2820182 | 294.8416681 | 752.6658721 | 302.589709 | 702.306206 | 266.543571 | 736.3784029 | 259.0159559 |
| KM/mandelbox29.fract | 460.6279621 | 171.555928 | 457.1179879 | 165.3691411 | 449.699254 | 160.2208631 | 460.2237339 | 154.1548581 |
| KM/mandelbox30.fract | 389.371752 | 219.3693521 | 386.677356 | 212.9403021 | 378.2580602 | 195.838165 | 374.042412 | 191.114912 |
| KM/mandelbox31.fract | 1037.727092 | 389.6278582 | 1057.394176 | 387.5347929 | 957.803498 | 344.638463 | 996.9356639 | 344.977396 |
| KM/mandelbox36.fract | 739.1246121 | 312.1057079 | 757.189796 | 294.644675 | 727.958334 | 264.9126089 | 719.9677691 | 255.984761 |
| KM/mandelbox49.fract | 673.7052481 | 519.9634249 | 664.9058681 | 512.4659848 | 641.0295908 | 448.382669 | 671.4806519 | 446.4353311 |
| KM/mandelbox52\_2.fract | 540.216573 | 406.2433641 | 549.91238 | 397.0890322 | 535.9080999 | 360.384882 | 556.6624179 | 354.2252419 |
| KM/mandelbox8 - maxiter.fract | 1271.97508 | 387.786377 | 1292.720167 | 357.329993 | 1255.456884 | 341.168591 | 1316.790374 | 316.563587 |
| KM/mandelbulb powe 6 - circle.fract | 699.952539 | 169.1326652 | 639.1925318 | 156.933018 | 599.723202 | 157.866962 | 636.3878782 | 146.1970332 |
| KM/mandelbulb power 2 - slice 4.fract | 467.9413331 | 358.4490819 | 479.5489109 | 350.0126879 | 478.918335 | 292.5220289 | 459.702615 | 288.1931641 |
| KM/mandelbulb power 2 - slice 5.fract | 958.515012 | 297.056324 | 952.441355 | 278.2917821 | 940.0324862 | 249.7158549 | 944.893662 | 239.272563 |
| KM/mandelbulb power 4 - water.fract | 825.4746089 | 250.63942 | 851.7752261 | 215.2769709 | 836.7060189 | 252.8021731 | 858.7590158 | 204.463769 |
| KM/mandelbulb power 8 - 4\_2.fract | 848.403641 | 275.9229898 | 880.7472792 | 266.7060881 | 843.250324 | 259.0525379 | 848.0486631 | 251.5980458 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 837.1801569 | 219.775655 | 968.5716898 | 172.512635 | 854.3174329 | 223.337559 | 865.1458941 | 159.2143118 |
| KM/menger sponge 004\_2.fract | 445.6440978 | 248.208493 | 432.5548072 | 156.208005 | 448.422317 | 229.408906 | 433.8619909 | 150.919682 |
| KM/modified mandelbulb 001.fract | 1731.127223 | 270.427387 | 1738.833206 | 253.375015 | 1761.055958 | 259.886261 | 1734.866607 | 244.1229849 |
| KM/orbitTraps 003.fract | 663.84641 | 264.16399 | 676.4587741 | 252.847899 | 641.3393271 | 235.7331889 | 667.9006259 | 223.8164489 |
| KM/orbitTraps 004.fract | 621.6831331 | 298.6996219 | 627.240324 | 289.117007 | 628.0676532 | 273.125361 | 628.5124621 | 263.5428209 |
| KM/orbitTraps 005.fract | 1299.903137 | 502.4280181 | 1351.797449 | 482.1695929 | 1304.108562 | 435.529067 | 1337.026765 | 415.3067889 |
| KM/orbitTraps 006.fract | 520.09589 | 268.170145 | 552.7254469 | 259.787463 | 542.75106 | 235.1350532 | 523.4474599 | 227.7133629 |
| KM/primitive objects - water.fract | 2479.223971 | 504.1711578 | 2504.714823 | 451.3729069 | 2840.356285 | 451.904125 | 2555.546575 | 417.7263541 |
| KM/xenodreambuie2.fract | 947.619128 | 226.2777181 | 973.5312068 | 211.9498971 | 917.54614 | 215.076304 | 948.328928 | 202.091233 |
| KM/xenodreambuie3.fract | 961.874258 | 422.195483 | 948.1584229 | 429.247494 | 888.47436 | 400.2763641 | 943.14821 | 400.995209 |
| Makin3D-Julia\_001.fract | 1573.245147 | 385.3084741 | 1606.663145 | 367.054261 | 1607.675713 | 319.7265899 | 1640.348728 | 303.473444 |
| mandelbox001.fract | 1573.405957 | 457.09705 | 1578.488416 | 412.8525801 | 1584.696759 | 396.9828238 | 1520.380511 | 357.3309119 |
| mandelbox002.fract | 403.1049669 | 159.1249509 | 406.91201 | 150.575968 | 411.4999852 | 149.849653 | 405.5269091 | 141.3554931 |
| mandelbulb002.fract | 577.1405418 | 135.3001211 | 566.293535 | 173.700572 | 571.2252259 | 130.2113709 | 561.105953 | 129.583477 |
| menger-mod1\_001.fract | 309.744385 | 116.1675949 | 310.3604629 | 111.2127571 | 306.170573 | 107.62011 | 304.3257382 | 104.1528718 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 556.309026 | 252.6111782 | 567.3933661 | 216.755785 | 568.5195129 | 237.6967311 | 571.570678 | 194.9990799 |
| primitives001.fract | 796.6074791 | 267.823406 | 801.91587 | 270.9948621 | 810.031734 | 264.4297528 | 825.903399 | 272.2086749 |
| quaternion\_001.fract | 2008.762955 | 287.14957 | 1941.358531 | 229.3691199 | 1909.377501 | 267.4327729 | 1875.310209 | 204.3944359 |
| riemann\_sphere\_msltoe\_001.fract | 1286.728634 | 346.8220952 | 1285.689049 | 229.2306259 | 1305.612337 | 333.4324548 | 1285.549431 | 216.8813002 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 769.4310012 | 347.9659991 | 737.1148438 | 346.987252 | 773.3145099 | 308.3896899 | 752.065654 | 307.1048892 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1007.506392 | 476.6341898 | 1068.453703 | 477.869966 | 1003.949871 | 425.452899 | 1108.078291 | 428.354959 |

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| **Replication5** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1084.960425 | 415.2292565 | 1091.140033 | 391.9406992 | 1066.744624 | 370.6724316 | 1069.040795 | 352.2772439 |
| aboxmod1\_001.fract | 407.119036 | 154.4744382 | 431.3802259 | 144.0160551 | 412.4806781 | 143.915246 | 416.533005 | 134.466718 |
| aboxmod2\_001.fract | 506.887893 | 163.1854599 | 511.621351 | 153.8951149 | 506.7064331 | 147.6777148 | 503.364011 | 138.7521679 |
| aboxvsicen1\_001.fract | 832.2954662 | 235.4694459 | 741.8553679 | 214.200278 | 770.265388 | 215.573374 | 794.492101 | 197.361377 |
| aexion\_octopus\_001.fract | 885.785289 | 217.367151 | 886.7005351 | 172.922173 | 893.741199 | 166.3679118 | 870.7412441 | 166.8826759 |
| amoxmodkali\_001.fract | 500.4038799 | 230.5422239 | 507.2763309 | 221.5978179 | 499.580251 | 207.4734168 | 484.7528791 | 197.6977191 |
| benesi\_t1\_pine\_tree\_001.fract | 333.4346201 | 204.4802079 | 335.1141939 | 205.25927 | 332.6387851 | 200.317045 | 335.526438 | 200.7722061 |
| bristorbrot001.fract | 842.2002809 | 362.9590609 | 847.25456 | 366.982146 | 894.752286 | 304.2826459 | 877.976387 | 308.1192961 |
| hybrid002.fract | 517.693727 | 470.2543781 | 544.171407 | 462.3764901 | 510.9653521 | 392.728755 | 512.5203581 | 465.1541719 |
| hybrid004.fract | 540.3451769 | 437.6077299 | 521.8582609 | 432.1564519 | 513.9893241 | 369.5773509 | 508.9690809 | 366.5528839 |
| hybrid007.fract | 536.9016299 | 161.7119012 | 554.603075 | 150.9295061 | 540.1200681 | 151.2376499 | 532.762517 | 142.225713 |
| IFS\_002.fract | 286.9177241 | 229.4128029 | 282.8657951 | 226.3377781 | 275.3184621 | 216.50372 | 272.2551649 | 212.8625569 |
| iq\_bulb\_001.fract | 1048.719721 | 273.2967889 | 1002.44308 | 248.282625 | 1037.182203 | 260.5917139 | 996.594492 | 236.3400691 |
| keyframe\_anim\_mandelbox\_boxes.fract | 354.281565 | 131.012069 | 288.2564862 | 127.6578999 | 296.3995318 | 126.4180582 | 290.390981 | 120.27935 |
| KM/aexion01.fract | 1586.890854 | 513.4436541 | 1579.834504 | 474.46789 | 1566.311309 | 405.9920259 | 1613.739226 | 378.9852238 |
| KM/benesi03.fract | 505.70224 | 302.7491021 | 523.9324338 | 294.741116 | 540.406364 | 276.430126 | 507.1433761 | 269.8693058 |
| KM/Bristorbrot.fract | 1474.468867 | 370.5113301 | 1416.123549 | 345.3164589 | 1410.991235 | 309.235666 | 1461.126474 | 291.8874171 |
| KM/bristorbrot01.fract | 1104.401438 | 434.6883659 | 1082.503612 | 450.05182 | 1124.845488 | 358.3341291 | 1077.053476 | 373.9000711 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 762.2874041 | 250.5849109 | 736.916265 | 234.8116882 | 761.712297 | 224.7946351 | 768.531585 | 208.303761 |
| KM/equirectangular menger sponge.fract | 383.5083489 | 385.430259 | 380.843312 | 379.9424729 | 323.2450409 | 309.320714 | 318.2106931 | 306.8886578 |
| KM/fish eye.fract | 239.431813 | 86.84970999 | 239.551501 | 85.02139807 | 235.314523 | 85.98579884 | 231.1144421 | 84.56783199 |
| KM/folded mender sponge.fract | 490.7876589 | 211.449183 | 484.1461561 | 200.3227699 | 487.955075 | 196.040478 | 507.8387289 | 188.0482209 |
| KM/hybrid16.fract | 470.3190801 | 339.7308729 | 502.4375758 | 335.298913 | 478.3453329 | 302.03157 | 490.9889629 | 297.0703919 |
| KM/hybrid17.fract | 249.9915659 | 128.292681 | 248.0470381 | 124.504287 | 246.4891591 | 118.450938 | 245.014734 | 115.2238858 |
| KM/hybrid18\_2.fract | 481.4033909 | 477.3853929 | 481.0590448 | 472.0640659 | 428.0731339 | 412.274369 | 426.6955979 | 408.945791 |
| KM/hybrid19.fract | 2086.678014 | 451.5039041 | 2789.170911 | 409.6067929 | 2091.236698 | 391.384491 | 2206.026454 | 357.248544 |
| KM/hybrid20.fract | 1303.442652 | 871.157635 | 1325.304491 | 851.707289 | 1228.751828 | 772.2955081 | 1226.661224 | 787.226383 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1345.85883 | 485.6352651 | 1348.335207 | 465.473542 | 1336.671025 | 432.3102911 | 1341.211793 | 420.6371348 |
| KM/hybrid42.fract | 479.78952 | 169.2077889 | 473.344218 | 162.8632119 | 469.8305311 | 154.9801691 | 453.6431079 | 149.3578 |
| KM/hypercomplex 03.fract | 960.584003 | 242.6330259 | 1007.783758 | 217.8518319 | 965.464046 | 215.5094121 | 1010.263734 | 194.0912089 |
| KM/IFS 19 - maxiter.fract | 1561.66134 | 412.7760839 | 1542.659732 | 339.782831 | 1516.157072 | 376.7874801 | 1528.827218 | 296.3578858 |
| KM/IFS 20.fract | 668.1736639 | 438.3698189 | 678.1271632 | 404.03087 | 667.253442 | 381.8128662 | 669.568161 | 374.7366331 |
| KM/IFS 21.fract | 321.534771 | 184.293479 | 319.669836 | 183.922308 | 321.337641 | 176.5076931 | 315.7366929 | 175.2796099 |
| KM/IFS 25.fract | 380.5308111 | 176.3179989 | 372.687624 | 172.3824439 | 373.2967191 | 165.011229 | 368.5493591 | 160.9674141 |
| KM/IFS 29\_2.fract | 345.867353 | 223.417608 | 374.281497 | 220.381146 | 337.819875 | 212.8597078 | 329.8100879 | 210.2851272 |
| KM/IFS 31.fract | 563.7295809 | 381.065702 | 553.065697 | 370.7571249 | 545.3099291 | 351.99243 | 566.736083 | 347.1655619 |
| KM/IFS 32.fract | 347.9002259 | 334.8923051 | 328.88219 | 317.0671201 | 318.3755941 | 309.7077069 | 295.580128 | 231.864212 |
| KM/iter fog 002\_2.fract | 628.3893318 | 467.074506 | 635.9682291 | 465.1643951 | 597.4704649 | 404.1387 | 608.645822 | 403.125407 |
| KM/iter fog 2.fract | 557.3224659 | 166.336278 | 571.964366 | 154.6041331 | 559.6288891 | 147.6100411 | 588.8580282 | 137.7570519 |
| KM/mandelbox 22.fract | 419.7421241 | 184.952647 | 435.5431809 | 162.6520841 | 410.0392821 | 165.7484732 | 427.2730658 | 143.298429 |
| KM/mandelbox10.fract | 1043.08718 | 505.7742412 | 1030.929392 | 488.8245809 | 1019.211188 | 426.0356441 | 1007.763089 | 415.193373 |
| KM/mandelbox11 - rotations.fract | 407.0598261 | 360.92063 | 404.8174341 | 360.02337 | 411.08476 | 319.0766439 | 411.3526251 | 317.2576251 |
| KM/mandelbox15 - rotations.fract | 843.0750608 | 272.512589 | 841.4802711 | 264.5679202 | 846.8955359 | 242.3883822 | 847.525285 | 234.416894 |
| KM/mandelbox17.fract | 715.8061731 | 213.936964 | 710.2435751 | 201.7408371 | 729.2191319 | 187.462513 | 700.223773 | 176.9298391 |
| KM/mandelbox18.fract | 713.383503 | 262.2365949 | 680.0706251 | 246.9198771 | 670.3535888 | 233.9149189 | 694.8421049 | 219.6581481 |
| KM/mandelbox19.fract | 718.143481 | 262.4724481 | 699.414144 | 246.424175 | 676.4817879 | 232.862581 | 711.8949201 | 221.9041412 |
| KM/mandelbox24.fract | 769.5916591 | 208.2729299 | 756.5070539 | 187.3343918 | 742.739104 | 187.3394411 | 783.532536 | 169.5262799 |
| KM/mandelbox25\_3.fract | 582.713901 | 234.65453 | 599.494519 | 192.2819622 | 583.9591289 | 213.1047149 | 601.5768471 | 173.3725061 |
| KM/mandelbox27.fract | 509.77809 | 124.2683039 | 520.186928 | 110.4145119 | 533.936301 | 118.3215451 | 525.3401051 | 106.2909069 |
| KM/mandelbox28.fract | 785.478246 | 304.355052 | 739.8916421 | 302.725107 | 742.8784208 | 269.190969 | 717.409008 | 257.2369649 |
| KM/mandelbox29.fract | 460.6420221 | 172.0655649 | 459.908813 | 165.997618 | 458.7405028 | 159.2703218 | 452.7646639 | 153.8530531 |
| KM/mandelbox30.fract | 391.1211948 | 219.051476 | 387.314307 | 213.221199 | 367.4200959 | 195.744118 | 390.1567199 | 190.2114429 |
| KM/mandelbox31.fract | 1034.507595 | 392.81286 | 1038.528151 | 389.9697399 | 952.2692029 | 345.1283829 | 1001.477332 | 344.4155748 |
| KM/mandelbox36.fract | 761.054759 | 307.3533759 | 730.014847 | 291.9023869 | 714.2685401 | 266.0096071 | 719.811919 | 255.0052261 |
| KM/mandelbox49.fract | 689.9366682 | 516.8143141 | 669.364043 | 517.1655061 | 662.6908379 | 452.7972772 | 670.3736582 | 443.356905 |
| KM/mandelbox52\_2.fract | 545.4585609 | 406.8311932 | 583.777905 | 397.7840371 | 540.978302 | 360.3888481 | 540.2894371 | 354.2332239 |
| KM/mandelbox8 - maxiter.fract | 1275.936329 | 385.2845809 | 1300.76451 | 358.3703871 | 1312.34712 | 343.292887 | 1257.754529 | 312.3618391 |
| KM/mandelbulb powe 6 - circle.fract | 639.532197 | 168.6043541 | 650.4837899 | 156.7812541 | 619.1854329 | 159.1646161 | 641.7663801 | 148.3601711 |
| KM/mandelbulb power 2 - slice 4.fract | 502.7378299 | 357.564549 | 468.2590022 | 351.4839702 | 464.7528701 | 292.4039721 | 469.5353391 | 355.5725782 |
| KM/mandelbulb power 2 - slice 5.fract | 996.4562359 | 289.2916889 | 942.882499 | 277.0294721 | 1052.019184 | 249.803416 | 950.0367961 | 242.916533 |
| KM/mandelbulb power 4 - water.fract | 885.5232952 | 252.615581 | 848.0648551 | 216.110024 | 846.690366 | 247.140342 | 849.6214728 | 203.6330261 |
| KM/mandelbulb power 8 - 4\_2.fract | 870.187505 | 275.344408 | 875.8383172 | 266.4296649 | 857.1473088 | 259.269959 | 872.234087 | 251.5311501 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 856.3216391 | 228.1594009 | 873.2167149 | 167.936043 | 855.7932069 | 224.1530879 | 856.2516651 | 159.9541361 |
| KM/menger sponge 004\_2.fract | 475.9634712 | 236.323976 | 425.540678 | 191.9979532 | 426.263515 | 231.0073531 | 439.4947481 | 188.5193901 |
| KM/modified mandelbulb 001.fract | 1796.190469 | 269.469065 | 1767.835276 | 249.9755299 | 1766.483064 | 257.1910031 | 1800.011554 | 254.697222 |
| KM/orbitTraps 003.fract | 654.560431 | 264.5833199 | 653.15309 | 251.8299758 | 662.4389858 | 234.6984482 | 655.1487091 | 225.11938 |
| KM/orbitTraps 004.fract | 677.920238 | 298.8724952 | 633.3233221 | 290.8299651 | 604.7571599 | 272.0238831 | 618.9803669 | 263.28479 |
| KM/orbitTraps 005.fract | 1249.958885 | 502.755172 | 1498.717818 | 482.3869309 | 1290.766562 | 435.8727479 | 1287.048519 | 414.4751899 |
| KM/orbitTraps 006.fract | 544.6461551 | 266.822829 | 536.152966 | 259.165364 | 521.5237281 | 233.99948 | 538.5408568 | 226.8732169 |
| KM/primitive objects - water.fract | 2541.686862 | 517.5912778 | 2396.792116 | 446.2163141 | 2506.724165 | 483.1614671 | 2504.870862 | 416.89837 |
| KM/xenodreambuie2.fract | 947.518209 | 225.6746199 | 977.477216 | 211.381021 | 961.7274709 | 216.39573 | 972.8428421 | 202.230665 |
| KM/xenodreambuie3.fract | 944.8785732 | 428.1408811 | 904.697031 | 427.8899102 | 956.6844521 | 402.633709 | 924.5481639 | 404.6897211 |
| Makin3D-Julia\_001.fract | 1691.816273 | 385.8448851 | 1589.11476 | 368.1909831 | 1556.047841 | 319.1346171 | 1628.15825 | 303.6124749 |
| mandelbox001.fract | 1573.89444 | 454.6087461 | 1612.208931 | 413.2851698 | 1635.041208 | 395.5925958 | 1552.587626 | 358.61777 |
| mandelbox002.fract | 418.5397909 | 159.0587709 | 417.3323832 | 149.1499739 | 404.588335 | 149.9077351 | 398.344836 | 141.5657721 |
| mandelbulb002.fract | 572.2116261 | 133.0278041 | 565.6047239 | 135.25962 | 580.4489779 | 128.2859321 | 563.5408928 | 130.7174799 |
| menger-mod1\_001.fract | 311.0654719 | 116.5359602 | 310.573632 | 111.0154738 | 295.9325421 | 106.9221032 | 300.2015729 | 104.5161462 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 552.181335 | 259.1404719 | 568.6290419 | 215.274044 | 539.630219 | 234.2548759 | 588.5334771 | 195.9752591 |
| primitives001.fract | 823.0670528 | 236.9448218 | 864.353369 | 242.3965309 | 818.9467449 | 266.132113 | 827.0621471 | 233.5602069 |
| quaternion\_001.fract | 1932.251468 | 291.129312 | 2007.787503 | 225.3199439 | 1867.81102 | 266.806566 | 1834.245075 | 212.446985 |
| riemann\_sphere\_msltoe\_001.fract | 1308.648432 | 359.2879269 | 1230.0586 | 228.0581169 | 1331.796904 | 329.6773798 | 1256.671977 | 216.7565088 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 769.813508 | 347.8760059 | 749.784673 | 346.7282639 | 753.3804441 | 308.4953771 | 739.4734139 | 307.814024 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 999.8965011 | 476.346256 | 1060.227736 | 477.2492249 | 1036.150204 | 423.6773429 | 1056.88061 | 426.516659 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Replication6** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1080.311717 | 416.1150972 | 1080.584711 | 392.1847695 | 1052.38241 | 376.2415797 | 1068.715008 | 353.4606711 |
| aboxmod1\_001.fract | 428.56426 | 147.3585339 | 427.5169868 | 143.288409 | 434.198668 | 139.2774689 | 432.8758738 | 131.4705088 |
| aboxmod2\_001.fract | 511.704551 | 163.4980919 | 507.6974661 | 152.6883309 | 529.7978179 | 144.6279721 | 530.3335381 | 139.367691 |
| aboxvsicen1\_001.fract | 787.0441771 | 222.8332059 | 807.659394 | 213.2315781 | 809.2632341 | 203.286078 | 804.7864721 | 193.122762 |
| aexion\_octopus\_001.fract | 830.7932 | 199.2737191 | 883.474159 | 172.3324459 | 887.090873 | 176.1814759 | 918.5108159 | 165.168294 |
| amoxmodkali\_001.fract | 497.6358731 | 230.8385611 | 499.6921401 | 221.9916921 | 479.4859021 | 204.852119 | 475.6385419 | 197.1683881 |
| benesi\_t1\_pine\_tree\_001.fract | 337.7425599 | 204.7827389 | 328.17257 | 204.417829 | 327.0591619 | 211.6693509 | 319.408447 | 210.2446482 |
| bristorbrot001.fract | 853.9095559 | 351.5109711 | 872.948446 | 349.029531 | 927.2537022 | 292.088697 | 880.9957812 | 293.1151512 |
| hybrid002.fract | 519.7598741 | 468.867512 | 539.171664 | 463.4812911 | 502.2630341 | 390.9041801 | 496.382807 | 388.0209608 |
| hybrid004.fract | 531.7158079 | 435.913614 | 540.0526888 | 431.0252762 | 510.068984 | 369.5217481 | 520.7652051 | 365.7377059 |
| hybrid007.fract | 545.287416 | 161.8826139 | 545.6674058 | 151.1886699 | 552.1730838 | 147.3349831 | 545.3724329 | 141.646997 |
| IFS\_002.fract | 285.1783221 | 224.664269 | 279.675375 | 229.6483531 | 281.7337081 | 219.589308 | 294.8425729 | 219.6468229 |
| iq\_bulb\_001.fract | 1055.931001 | 255.560509 | 1067.656239 | 247.433002 | 1061.959199 | 243.2428329 | 1042.213313 | 232.5578969 |
| keyframe\_anim\_mandelbox\_boxes.fract | 291.9168751 | 135.875119 | 286.7837629 | 129.8570511 | 281.364924 | 127.3708169 | 295.8397129 | 120.914124 |
| KM/aexion01.fract | 1632.295911 | 508.2253988 | 1559.597538 | 480.7094049 | 1530.388966 | 410.4946542 | 1546.332166 | 383.2233999 |
| KM/benesi03.fract | 494.283782 | 306.673979 | 517.163619 | 281.3397639 | 480.3598609 | 259.6252189 | 502.3115859 | 249.31002 |
| KM/Bristorbrot.fract | 1451.436936 | 377.2004819 | 1408.700925 | 345.251204 | 1431.749763 | 315.4431012 | 1473.959774 | 288.0665209 |
| KM/bristorbrot01.fract | 1072.471186 | 435.4561579 | 1095.25999 | 425.8858001 | 1011.110049 | 392.453681 | 1029.731618 | 375.255703 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 733.206214 | 251.380672 | 778.5284672 | 234.5398581 | 767.684022 | 215.5088739 | 820.0992792 | 207.3196602 |
| KM/equirectangular menger sponge.fract | 382.1137679 | 386.4744298 | 380.691447 | 384.092792 | 327.9411469 | 316.188967 | 321.3710921 | 310.4076302 |
| KM/fish eye.fract | 244.6778789 | 92.66027498 | 248.0587201 | 85.85427403 | 243.9245791 | 84.52312279 | 224.2121592 | 81.61639094 |
| KM/folded mender sponge.fract | 482.8573792 | 204.4365611 | 518.693517 | 201.345005 | 487.645385 | 191.10817 | 501.6928978 | 187.143852 |
| KM/hybrid16.fract | 479.1662312 | 340.18717 | 485.0065119 | 337.754292 | 454.4003119 | 305.0658729 | 491.631058 | 297.026686 |
| KM/hybrid17.fract | 245.253305 | 132.285738 | 244.2538819 | 124.2977269 | 245.6044681 | 124.40833 | 247.709415 | 115.567055 |
| KM/hybrid18\_2.fract | 481.4862669 | 477.3878231 | 480.6661208 | 470.6110129 | 424.175478 | 412.9988241 | 427.2098601 | 410.909241 |
| KM/hybrid19.fract | 2100.675914 | 552.004802 | 2133.75358 | 409.613807 | 1959.639837 | 488.619925 | 1987.98722 | 360.470367 |
| KM/hybrid20.fract | 1323.207389 | 860.4912701 | 1298.453437 | 868.258945 | 1205.160634 | 792.5530829 | 1233.580893 | 796.9922609 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1296.645896 | 483.9712071 | 1318.767983 | 466.4679992 | 1314.049044 | 438.7097552 | 1269.358646 | 417.5967731 |
| KM/hybrid42.fract | 459.274828 | 190.3690472 | 472.7991879 | 163.3401361 | 431.113692 | 176.156333 | 441.93308 | 150.5204799 |
| KM/hypercomplex 03.fract | 975.687484 | 236.604507 | 1010.004921 | 212.214731 | 1050.270999 | 196.021172 | 1041.004616 | 186.6801929 |
| KM/IFS 19 - maxiter.fract | 1508.829966 | 410.132525 | 1643.493868 | 349.0326159 | 1461.434633 | 487.0211589 | 1529.993754 | 306.121676 |
| KM/IFS 20.fract | 684.0664501 | 412.5189309 | 750.5543859 | 405.0600591 | 626.1823089 | 382.5969369 | 613.6297131 | 373.811235 |
| KM/IFS 21.fract | 331.4475851 | 186.1945901 | 326.120754 | 185.5510938 | 312.3139679 | 177.43555 | 310.0341539 | 178.0348308 |
| KM/IFS 25.fract | 378.4418612 | 176.5116899 | 365.6883879 | 172.316391 | 340.48 | 167.004108 | 350.6793859 | 162.1463511 |
| KM/IFS 29\_2.fract | 343.4613159 | 224.3626292 | 346.725517 | 220.8729231 | 316.731832 | 213.623806 | 322.6293921 | 209.301507 |
| KM/IFS 31.fract | 573.5210581 | 371.1861761 | 527.355963 | 337.313051 | 513.3556941 | 309.6239738 | 527.4167449 | 304.2161081 |
| KM/IFS 32.fract | 367.4603009 | 357.8987181 | 364.0669949 | 329.2330129 | 365.0213091 | 341.1327 | 324.597755 | 323.946074 |
| KM/iter fog 002\_2.fract | 741.4652181 | 460.3326092 | 629.4885192 | 466.70891 | 614.8941929 | 399.229754 | 625.036391 | 403.115804 |
| KM/iter fog 2.fract | 570.5410931 | 166.0415459 | 548.363528 | 157.865772 | 530.859679 | 176.659142 | 570.7714531 | 140.4425778 |
| KM/mandelbox 22.fract | 407.2606659 | 186.981158 | 435.823549 | 162.491775 | 406.671757 | 149.529254 | 427.2052519 | 141.9884889 |
| KM/mandelbox10.fract | 1060.184653 | 505.8571382 | 1034.448283 | 490.5906041 | 996.140681 | 432.4377511 | 1026.908501 | 504.2008419 |
| KM/mandelbox11 - rotations.fract | 415.130794 | 349.180691 | 416.9906819 | 344.733531 | 392.851948 | 321.1239409 | 389.66434 | 317.116812 |
| KM/mandelbox15 - rotations.fract | 863.835273 | 283.3805239 | 839.4717941 | 268.6646991 | 814.413537 | 253.2322631 | 834.510967 | 240.224498 |
| KM/mandelbox17.fract | 708.983278 | 213.44469 | 734.606266 | 201.6723089 | 701.60607 | 192.769383 | 696.9505079 | 178.552387 |
| KM/mandelbox18.fract | 714.1971982 | 260.8044951 | 738.7943859 | 247.5468628 | 671.3039241 | 261.14815 | 686.1838708 | 220.0718188 |
| KM/mandelbox19.fract | 709.73366 | 261.9257491 | 671.054734 | 247.0840659 | 665.5977218 | 260.3512261 | 725.277879 | 219.2856078 |
| KM/mandelbox24.fract | 785.9753411 | 209.0426321 | 789.8593931 | 187.9952459 | 721.730617 | 174.2500432 | 736.4242599 | 169.2421541 |
| KM/mandelbox25\_3.fract | 600.4399941 | 234.8814001 | 638.5053949 | 189.215282 | 601.954952 | 180.925539 | 600.2681909 | 169.252841 |
| KM/mandelbox27.fract | 518.071399 | 122.7789159 | 509.3463919 | 107.9863491 | 492.6387239 | 142.9907761 | 505.315531 | 114.501106 |
| KM/mandelbox28.fract | 708.77262 | 293.540482 | 789.9309092 | 342.801842 | 681.090755 | 321.088881 | 744.30586 | 314.6511281 |
| KM/mandelbox29.fract | 444.9583888 | 173.7601509 | 440.9733381 | 164.324405 | 440.1338639 | 161.7029769 | 450.7725821 | 153.5236509 |
| KM/mandelbox30.fract | 391.1704879 | 225.6542449 | 371.855669 | 213.3989301 | 371.9823189 | 194.4875181 | 371.5864978 | 190.703922 |
| KM/mandelbox31.fract | 981.9388759 | 390.6474621 | 963.7834339 | 456.8315861 | 940.7173989 | 407.381151 | 959.2592669 | 413.344733 |
| KM/mandelbox36.fract | 732.972733 | 307.484941 | 748.2699711 | 292.8051181 | 744.7585611 | 271.454221 | 720.5806799 | 254.7677512 |
| KM/mandelbox49.fract | 688.51861 | 517.256038 | 686.915179 | 517.200907 | 644.5894339 | 451.773684 | 653.214143 | 479.809572 |
| KM/mandelbox52\_2.fract | 558.8814478 | 405.7872801 | 564.7315612 | 398.3191888 | 570.5978811 | 359.4371161 | 547.1523612 | 353.9419189 |
| KM/mandelbox8 - maxiter.fract | 1258.292025 | 385.32744 | 1281.162203 | 365.1155059 | 1250.356966 | 329.7012651 | 1339.137681 | 318.268364 |
| KM/mandelbulb powe 6 - circle.fract | 621.249752 | 168.073375 | 611.0307729 | 155.6510081 | 649.8381119 | 151.0523469 | 666.382175 | 145.0737419 |
| KM/mandelbulb power 2 - slice 4.fract | 478.470202 | 402.4541039 | 461.618757 | 351.975781 | 430.8036511 | 292.641326 | 438.5814879 | 289.066211 |
| KM/mandelbulb power 2 - slice 5.fract | 928.8495979 | 289.4112291 | 955.9852679 | 278.0320952 | 891.0922649 | 264.6239951 | 915.2782769 | 240.2524481 |
| KM/mandelbulb power 4 - water.fract | 886.75125 | 259.806854 | 878.8752718 | 214.78862 | 813.8710308 | 241.55145 | 872.0622499 | 205.7530541 |
| KM/mandelbulb power 8 - 4\_2.fract | 882.1629341 | 276.6301038 | 909.4260352 | 271.2296572 | 867.0554469 | 276.302202 | 865.026134 | 258.1445291 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 854.8776159 | 236.549042 | 876.212074 | 163.942343 | 847.847074 | 213.9372439 | 833.127507 | 154.9347949 |
| KM/menger sponge 004\_2.fract | 447.6272619 | 233.4312229 | 440.974447 | 152.9158459 | 434.5215938 | 201.6258099 | 455.5073459 | 155.7167571 |
| KM/modified mandelbulb 001.fract | 1727.484052 | 308.1810138 | 1707.406795 | 262.7492101 | 1716.234122 | 331.4333239 | 1768.203708 | 258.0359812 |
| KM/orbitTraps 003.fract | 650.930336 | 265.1074998 | 670.538868 | 250.989826 | 720.7226751 | 230.8013668 | 690.281559 | 222.5469091 |
| KM/orbitTraps 004.fract | 632.8805571 | 299.719317 | 638.1155682 | 288.4321499 | 658.4343929 | 269.192687 | 656.0430851 | 262.5593462 |
| KM/orbitTraps 005.fract | 1262.094615 | 505.1276062 | 1338.03224 | 482.4458809 | 1370.428957 | 428.5926471 | 1370.806599 | 413.0478089 |
| KM/orbitTraps 006.fract | 521.585566 | 267.777416 | 552.696389 | 259.5697122 | 531.9375551 | 231.9744289 | 565.915303 | 225.897589 |
| KM/primitive objects - water.fract | 2552.263804 | 461.512388 | 2511.84549 | 439.69964 | 2482.226622 | 435.9165509 | 2596.539946 | 425.587445 |
| KM/xenodreambuie2.fract | 945.363101 | 225.6235678 | 943.3410728 | 209.4413638 | 1013.47465 | 206.6533651 | 975.808177 | 199.771456 |
| KM/xenodreambuie3.fract | 971.219491 | 395.138948 | 939.4883239 | 427.223747 | 906.33797 | 399.9478199 | 926.2955799 | 401.495965 |
| Makin3D-Julia\_001.fract | 1678.044747 | 386.2270961 | 1621.968879 | 366.4932909 | 1606.395489 | 358.0361969 | 1568.135224 | 305.9112 |
| mandelbox001.fract | 1605.812991 | 454.7349658 | 1489.071515 | 413.9530699 | 1489.66549 | 375.215307 | 1629.096263 | 356.76582 |
| mandelbox002.fract | 410.0386591 | 158.735662 | 421.83707 | 148.525908 | 417.6146381 | 144.1040618 | 397.4295852 | 140.6933591 |
| mandelbulb002.fract | 586.6164849 | 134.518764 | 580.7714181 | 120.332917 | 560.8168139 | 115.0107019 | 573.2841241 | 115.07181 |
| menger-mod1\_001.fract | 299.7813601 | 115.258518 | 303.324465 | 110.752064 | 305.7440319 | 105.7049198 | 313.774353 | 103.2097771 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 579.4716461 | 253.4473059 | 557.4069431 | 213.3581128 | 560.3740849 | 199.543452 | 587.7352922 | 194.48932 |
| primitives001.fract | 848.9078069 | 264.149431 | 815.5711148 | 229.9210229 | 838.020823 | 226.160233 | 865.186444 | 224.5048392 |
| quaternion\_001.fract | 1999.251877 | 293.8057261 | 1927.2237 | 227.3772771 | 1860.264187 | 241.1317961 | 1796.265807 | 195.368494 |
| riemann\_sphere\_msltoe\_001.fract | 1264.651521 | 357.8702919 | 1186.844329 | 229.6826351 | 1193.531232 | 402.2986431 | 1240.596953 | 220.8144789 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 746.4091389 | 347.5940719 | 768.35392 | 361.909996 | 702.9677138 | 322.342175 | 703.3964391 | 323.3654749 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1055.430491 | 474.4364879 | 1032.17275 | 475.7707481 | 1133.382718 | 398.7623479 | 1144.542854 | 398.689714 |

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| **Replication7** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1081.753135 | 420.5427182 | 1076.63714 | 391.9617217 | 1062.305644 | 378.1506783 | 1064.786866 | 351.8275202 |
| aboxmod1\_001.fract | 437.8798971 | 148.0765898 | 432.934175 | 142.471729 | 443.8089409 | 135.9862909 | 426.9580779 | 131.6582398 |
| aboxmod2\_001.fract | 555.5301321 | 159.4698682 | 522.0222778 | 152.7728641 | 517.470803 | 144.3523679 | 505.8913112 | 139.134433 |
| aboxvsicen1\_001.fract | 772.9450271 | 222.1494138 | 787.0872839 | 212.32056 | 814.2475281 | 202.769115 | 798.7888129 | 194.2097239 |
| aexion\_octopus\_001.fract | 890.549798 | 205.511472 | 903.247961 | 178.7019989 | 904.0638351 | 176.3754699 | 882.520834 | 162.4851601 |
| amoxmodkali\_001.fract | 485.0603151 | 229.6452401 | 500.723376 | 222.688148 | 477.6768181 | 204.1303871 | 480.5551269 | 197.407397 |
| benesi\_t1\_pine\_tree\_001.fract | 315.962281 | 215.4516659 | 320.6609459 | 216.0991738 | 319.8016942 | 210.3775668 | 323.1447589 | 211.1963511 |
| bristorbrot001.fract | 891.0228019 | 348.2048171 | 897.449146 | 349.7450521 | 925.9851811 | 292.768378 | 908.3656878 | 292.6705849 |
| hybrid002.fract | 544.7650728 | 468.08953 | 526.421777 | 461.4315999 | 518.157099 | 391.288681 | 502.672533 | 388.716996 |
| hybrid004.fract | 528.732825 | 435.556824 | 527.1440179 | 431.5049782 | 503.2523069 | 369.049015 | 513.5996182 | 366.369719 |
| hybrid007.fract | 561.9301519 | 162.1317439 | 549.2463388 | 150.5512521 | 538.1066551 | 146.971256 | 538.7809539 | 142.1375151 |
| IFS\_002.fract | 297.6269231 | 233.5303059 | 295.941582 | 236.4824228 | 281.6600459 | 219.6987069 | 282.929975 | 219.691668 |
| iq\_bulb\_001.fract | 1020.076066 | 255.5222089 | 1046.355597 | 246.0910618 | 1062.425096 | 243.6919909 | 1057.555919 | 232.916507 |
| keyframe\_anim\_mandelbox\_boxes.fract | 282.28705 | 135.3334451 | 292.5925019 | 129.0610089 | 291.438117 | 127.9639878 | 299.373081 | 120.730927 |
| KM/aexion01.fract | 1438.429737 | 521.4060948 | 1620.976079 | 475.443805 | 1516.276887 | 412.0867441 | 1594.663443 | 380.2148669 |
| KM/benesi03.fract | 491.590183 | 292.1978471 | 540.928323 | 283.451261 | 483.8995831 | 266.625417 | 486.2257259 | 249.736289 |
| KM/Bristorbrot.fract | 1407.395986 | 377.2092199 | 1398.835681 | 343.4181271 | 1368.936267 | 319.977349 | 1429.173403 | 287.8254378 |
| KM/bristorbrot01.fract | 1045.840354 | 438.1040699 | 1070.242482 | 445.721946 | 1056.50423 | 396.265331 | 1064.279102 | 383.1643281 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 790.374625 | 242.8573899 | 817.8774941 | 233.0532949 | 787.7517741 | 215.0781879 | 794.4153862 | 207.4094551 |
| KM/equirectangular menger sponge.fract | 391.1695089 | 386.852659 | 386.3027 | 382.269846 | 334.2366409 | 316.7526121 | 321.4971471 | 308.9028349 |
| KM/fish eye.fract | 236.9982259 | 90.55972004 | 224.9104061 | 85.64929104 | 222.205008 | 84.46875501 | 221.2594101 | 81.05636191 |
| KM/folded mender sponge.fract | 511.479748 | 205.0973091 | 517.465687 | 214.18152 | 512.3284512 | 191.3604231 | 513.332978 | 186.93343 |
| KM/hybrid16.fract | 504.138288 | 341.9446299 | 477.490217 | 335.386132 | 443.8335838 | 304.176636 | 468.2947621 | 297.8139942 |
| KM/hybrid17.fract | 239.2098551 | 133.1352508 | 248.028338 | 124.3030851 | 250.341696 | 123.245018 | 247.5070622 | 115.4167712 |
| KM/hybrid18\_2.fract | 482.110049 | 478.8714519 | 481.7642939 | 472.431319 | 430.213784 | 413.0661879 | 428.6299181 | 409.7091239 |
| KM/hybrid19.fract | 1968.977267 | 548.8243032 | 1977.66077 | 412.4291689 | 2178.157884 | 480.880826 | 1999.627529 | 360.2086279 |
| KM/hybrid20.fract | 1296.036501 | 874.5298591 | 1309.177058 | 868.1732309 | 1233.93218 | 772.93222 | 1228.566231 | 778.5598769 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1330.882309 | 491.1988111 | 1330.662644 | 470.9007342 | 1264.983744 | 437.782562 | 1323.088195 | 419.1989551 |
| KM/hybrid42.fract | 435.261353 | 190.455451 | 436.5243311 | 162.9832702 | 452.5307381 | 174.8861501 | 479.734756 | 149.2613451 |
| KM/hypercomplex 03.fract | 1049.451444 | 226.169625 | 1052.607996 | 213.3320761 | 1050.756998 | 196.6602769 | 1050.81695 | 187.6574581 |
| KM/IFS 19 - maxiter.fract | 1442.744443 | 527.987767 | 1422.1222 | 349.944351 | 1453.972801 | 501.0205669 | 1446.77758 | 306.4854181 |
| KM/IFS 20.fract | 629.5078549 | 414.4746609 | 639.752275 | 404.69609 | 618.9572561 | 384.361223 | 644.3288701 | 374.609761 |
| KM/IFS 21.fract | 305.7576909 | 186.043134 | 298.552423 | 186.912245 | 302.322418 | 178.0640929 | 313.170542 | 177.0770931 |
| KM/IFS 25.fract | 356.690989 | 179.066582 | 353.4447708 | 172.096416 | 350.6834879 | 167.025939 | 356.26863 | 162.8119271 |
| KM/IFS 29\_2.fract | 323.2360959 | 225.2331209 | 326.3852072 | 220.8007188 | 330.9289181 | 213.430783 | 323.6367979 | 210.1180351 |
| KM/IFS 31.fract | 532.33091 | 342.3252411 | 516.5614901 | 337.070631 | 493.915689 | 309.6125259 | 508.6988511 | 303.8909478 |
| KM/IFS 32.fract | 346.3513448 | 354.387213 | 329.7426069 | 322.9746652 | 338.3680542 | 334.712734 | 334.7825902 | 325.5993509 |
| KM/iter fog 002\_2.fract | 638.09466 | 463.7323539 | 651.5537419 | 461.6082551 | 610.0895879 | 398.610846 | 616.3438389 | 403.1677139 |
| KM/iter fog 2.fract | 560.412076 | 193.7386751 | 560.147352 | 158.2994931 | 583.990279 | 139.8904359 | 546.00333 | 138.527807 |
| KM/mandelbox 22.fract | 416.7191682 | 169.1895149 | 406.9188559 | 162.223562 | 407.4099259 | 149.8344359 | 423.862272 | 142.6828811 |
| KM/mandelbox10.fract | 1035.910193 | 512.8755491 | 987.91242 | 490.1139419 | 1042.730382 | 434.6167061 | 1068.838462 | 414.1940401 |
| KM/mandelbox11 - rotations.fract | 395.4482188 | 349.033385 | 400.615869 | 344.271234 | 389.4012599 | 319.0935972 | 401.4059289 | 315.0122221 |
| KM/mandelbox15 - rotations.fract | 848.2647748 | 283.8225429 | 852.2557201 | 267.178535 | 835.2422209 | 257.6434109 | 821.845957 | 241.7066839 |
| KM/mandelbox17.fract | 668.3418529 | 218.5309191 | 687.9084718 | 201.6439819 | 726.0573399 | 192.3507991 | 731.385864 | 177.517036 |
| KM/mandelbox18.fract | 675.815892 | 286.5180552 | 688.566618 | 246.0569191 | 663.1107509 | 263.059756 | 649.848649 | 221.402755 |
| KM/mandelbox19.fract | 689.993432 | 289.6107659 | 700.957108 | 246.337487 | 696.315372 | 258.86812 | 664.9069428 | 219.87094 |
| KM/mandelbox24.fract | 737.173511 | 254.1938179 | 728.5651791 | 187.5914881 | 736.0487149 | 224.6592829 | 810.406903 | 168.9171698 |
| KM/mandelbox25\_3.fract | 575.034724 | 202.990768 | 601.8803232 | 189.109731 | 577.9944501 | 179.7227211 | 595.3807449 | 167.7581339 |
| KM/mandelbox27.fract | 505.4999361 | 148.8138931 | 523.394882 | 116.4780869 | 502.9729981 | 148.406841 | 496.7381299 | 113.6195591 |
| KM/mandelbox28.fract | 689.323976 | 349.985688 | 707.6006889 | 280.1972349 | 709.13849 | 320.5390229 | 659.2178199 | 317.975852 |
| KM/mandelbox29.fract | 455.0990238 | 189.675837 | 459.3100328 | 164.7758641 | 423.7654338 | 161.0909171 | 461.7418449 | 154.008898 |
| KM/mandelbox30.fract | 372.8152602 | 224.9584489 | 364.928761 | 213.105932 | 350.803782 | 194.48753 | 369.438828 | 191.564178 |
| KM/mandelbox31.fract | 965.2486479 | 464.515583 | 964.144202 | 450.046159 | 943.0232811 | 417.7253981 | 924.4532912 | 418.059823 |
| KM/mandelbox36.fract | 756.426748 | 306.5896568 | 733.3267789 | 290.6439362 | 736.1820631 | 271.2407761 | 747.701587 | 254.740623 |
| KM/mandelbox49.fract | 710.1280241 | 523.2983661 | 692.427701 | 518.8356421 | 647.1372478 | 445.1303899 | 679.734441 | 453.4060669 |
| KM/mandelbox52\_2.fract | 564.32341 | 405.6683371 | 579.439806 | 396.5761609 | 553.3694839 | 360.2410471 | 563.4533341 | 354.164607 |
| KM/mandelbox8 - maxiter.fract | 1773.460718 | 373.811183 | 1294.885135 | 368.395957 | 1295.124564 | 328.372839 | 1254.25413 | 317.2402232 |
| KM/mandelbulb powe 6 - circle.fract | 664.1056101 | 161.580529 | 682.6362779 | 155.6550541 | 656.9274631 | 150.8585119 | 660.0602441 | 145.36216 |
| KM/mandelbulb power 2 - slice 4.fract | 459.8499689 | 357.6392751 | 472.257457 | 351.120841 | 436.9186761 | 292.683593 | 454.9451442 | 292.4296191 |
| KM/mandelbulb power 2 - slice 5.fract | 911.23141 | 302.65557 | 933.8588769 | 278.6334369 | 871.261066 | 264.7653031 | 890.5996122 | 242.0248301 |
| KM/mandelbulb power 4 - water.fract | 866.0089312 | 265.1608241 | 899.4466419 | 215.6461968 | 841.365593 | 241.567076 | 854.6964951 | 204.4062958 |
| KM/mandelbulb power 8 - 4\_2.fract | 845.6916831 | 287.4901559 | 872.9360669 | 272.797884 | 871.3302619 | 277.2242401 | 846.0240998 | 258.369812 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 858.280638 | 217.8195601 | 841.649411 | 163.669311 | 887.336839 | 209.5435801 | 872.0793061 | 154.6807871 |
| KM/menger sponge 004\_2.fract | 438.8835711 | 207.295661 | 441.3639212 | 151.97873 | 446.1670089 | 203.90873 | 435.11744 | 146.2466059 |
| KM/modified mandelbulb 001.fract | 1694.055811 | 311.0977261 | 1802.201352 | 274.2245739 | 1708.435608 | 353.0099342 | 1745.337811 | 256.6039269 |
| KM/orbitTraps 003.fract | 695.976687 | 260.4902041 | 709.0219209 | 251.9320569 | 712.0983741 | 229.9716499 | 701.6951668 | 222.599015 |
| KM/orbitTraps 004.fract | 656.9851959 | 296.469377 | 645.198153 | 289.132051 | 665.405668 | 268.521472 | 633.5257599 | 262.0375171 |
| KM/orbitTraps 005.fract | 1418.130627 | 496.7370689 | 1355.044531 | 481.0867119 | 1365.426096 | 426.9954829 | 1355.964812 | 414.970428 |
| KM/orbitTraps 006.fract | 585.372992 | 265.8180001 | 561.465378 | 259.3373179 | 600.1835771 | 232.4690759 | 569.2333219 | 227.72297 |
| KM/primitive objects - water.fract | 2630.287289 | 483.957329 | 2590.158538 | 465.0273728 | 2552.585284 | 500.9827199 | 2522.981173 | 444.057529 |
| KM/xenodreambuie2.fract | 995.6188061 | 217.48352 | 963.438153 | 209.7136199 | 959.3847718 | 207.1465521 | 954.106946 | 200.2846532 |
| KM/xenodreambuie3.fract | 906.2889209 | 422.3358948 | 934.134707 | 427.8560581 | 894.6984329 | 404.3431549 | 945.2912831 | 401.901222 |
| Makin3D-Julia\_001.fract | 1625.478093 | 421.9577062 | 1625.392967 | 369.991348 | 1561.320642 | 355.5429201 | 1635.561778 | 309.38867 |
| mandelbox001.fract | 1599.318679 | 431.6677201 | 1632.972691 | 412.3740079 | 1646.870016 | 374.6598618 | 1573.964281 | 355.530905 |
| mandelbox002.fract | 410.7445252 | 155.091109 | 409.2853391 | 148.2140648 | 399.8693109 | 145.3343 | 410.6789761 | 140.5300009 |
| mandelbulb002.fract | 601.0322909 | 120.1178489 | 575.149869 | 120.7615259 | 555.2659559 | 113.853729 | 588.2543511 | 116.1620688 |
| menger-mod1\_001.fract | 313.843286 | 113.6935961 | 311.071954 | 110.640655 | 306.75051 | 105.8302722 | 308.5402491 | 104.549145 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 572.786032 | 220.9406509 | 585.7668321 | 213.070025 | 556.2805688 | 233.593672 | 581.3036509 | 193.0810521 |
| primitives001.fract | 859.9743922 | 231.385891 | 883.1988721 | 222.3101919 | 856.2402298 | 224.755327 | 844.5239708 | 226.8790519 |
| quaternion\_001.fract | 2138.128224 | 271.3262939 | 1858.33586 | 223.2553201 | 1825.456232 | 239.3601551 | 1811.49375 | 195.6532331 |
| riemann\_sphere\_msltoe\_001.fract | 1157.909804 | 399.5563331 | 1198.189234 | 232.875149 | 1174.097897 | 386.2639871 | 1284.141946 | 220.897759 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 674.9244399 | 362.5827448 | 722.2197371 | 364.407789 | 703.5594761 | 322.2841132 | 703.678817 | 325.3133891 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1150.412833 | 451.0546269 | 1125.251557 | 450.957334 | 1179.063236 | 398.0906351 | 1116.536729 | 399.444442 |

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| **Replication8** | **CONFIG000** | **CONFIG001** | **CONFIG010** | **CONFIG011** | **CONFIG100** | **CONFIG101** | **CONFIG110** | **CONFIG111** |
| Totals | 1079.979393 | 415.4184983 | 1083.666808 | 391.664742 | 1064.280654 | 371.5613431 | 1066.663902 | 350.941389 |
| aboxmod1\_001.fract | 440.163285 | 147.3577778 | 417.374321 | 143.429301 | 412.745872 | 144.2422421 | 429.7805171 | 132.247088 |
| aboxmod2\_001.fract | 529.6572969 | 164.5984032 | 493.707371 | 153.5763102 | 500.2264261 | 153.253422 | 507.1617351 | 140.8100882 |
| aboxvsicen1\_001.fract | 819.7449749 | 222.8758051 | 751.173805 | 213.3554041 | 754.0825639 | 216.274019 | 752.3664122 | 196.2165608 |
| aexion\_octopus\_001.fract | 891.911495 | 194.923435 | 860.566417 | 180.9829311 | 908.4581852 | 166.4793749 | 870.894742 | 164.7953439 |
| amoxmodkali\_001.fract | 498.6619351 | 231.7249112 | 505.465889 | 221.652097 | 496.681216 | 205.7443008 | 509.1565342 | 196.5020051 |
| benesi\_t1\_pine\_tree\_001.fract | 316.5929661 | 215.8953929 | 332.3342359 | 205.992908 | 340.324708 | 199.246202 | 330.7885401 | 199.4978149 |
| bristorbrot001.fract | 907.4664099 | 348.6872039 | 898.4557719 | 361.302557 | 874.723681 | 302.4744351 | 848.653527 | 303.903928 |
| hybrid002.fract | 525.2121141 | 466.838517 | 534.1918328 | 462.19958 | 509.0503149 | 469.78229 | 510.0118301 | 389.1784461 |
| hybrid004.fract | 540.171665 | 436.2041659 | 530.3974621 | 431.7579072 | 526.393007 | 368.631161 | 538.8982918 | 365.9412382 |
| hybrid007.fract | 530.1692691 | 157.3360941 | 544.3543971 | 151.4360192 | 509.8758469 | 151.706924 | 515.067847 | 142.7758091 |
| IFS\_002.fract | 276.609647 | 234.3250499 | 289.1880081 | 228.3881619 | 277.729286 | 213.853838 | 299.5706549 | 213.2522709 |
| iq\_bulb\_001.fract | 1041.243294 | 256.5280628 | 1023.675222 | 247.502516 | 1041.926523 | 260.68241 | 1018.457649 | 236.2074199 |
| keyframe\_anim\_mandelbox\_boxes.fract | 299.171643 | 131.9428921 | 290.234477 | 127.623877 | 300.985863 | 123.2002261 | 289.311003 | 120.7065189 |
| KM/aexion01.fract | 1604.945303 | 508.4355459 | 1558.271941 | 475.8616221 | 1520.844272 | 409.2018001 | 1553.013826 | 383.9680479 |
| KM/benesi03.fract | 526.0702062 | 292.7968862 | 503.6390789 | 297.528734 | 481.9970782 | 277.3836429 | 491.735584 | 265.5240669 |
| KM/Bristorbrot.fract | 1311.89277 | 375.3517959 | 1499.93902 | 344.2397048 | 1403.206448 | 311.2578609 | 1400.616596 | 288.4657018 |
| KM/bristorbrot01.fract | 1035.257425 | 424.3128891 | 1118.144316 | 373.867847 | 1070.605312 | 367.5644979 | 1057.56128 | 374.23718 |
| KM/constant factor 2.0 - mandelbox scale 2.0.fract | 783.973434 | 242.4017241 | 732.1376278 | 234.176729 | 753.4637451 | 223.621165 | 761.4896121 | 208.8936439 |
| KM/equirectangular menger sponge.fract | 383.9330251 | 387.0769119 | 381.61199 | 379.787704 | 321.4301178 | 311.3932331 | 317.163147 | 307.5289302 |
| KM/fish eye.fract | 245.7093239 | 89.74529004 | 244.250351 | 92.71572208 | 243.293751 | 89.93246603 | 231.545603 | 87.74341202 |
| KM/folded mender sponge.fract | 507.8957751 | 205.0088308 | 497.3290219 | 199.2181871 | 515.1753469 | 197.458699 | 512.1636832 | 188.144336 |
| KM/hybrid16.fract | 461.2297702 | 342.6330941 | 485.2514791 | 336.80916 | 478.3584442 | 303.5676041 | 498.470031 | 298.211412 |
| KM/hybrid17.fract | 241.809751 | 129.1083491 | 250.1755941 | 124.024781 | 243.592109 | 118.6802881 | 248.44784 | 115.4329839 |
| KM/hybrid18\_2.fract | 480.802597 | 478.1506569 | 481.301908 | 473.1887369 | 426.000252 | 412.416276 | 429.0013289 | 410.447715 |
| KM/hybrid19.fract | 2017.98435 | 447.444664 | 2177.811064 | 410.8312171 | 2149.712783 | 393.9990201 | 2236.376005 | 360.367444 |
| KM/hybrid20.fract | 1293.318375 | 873.1982801 | 1333.287201 | 860.7753901 | 1221.970707 | 785.672519 | 1217.335557 | 774.3999941 |
| KM/hybrid22 - foldigIntPow v 2.fract | 1302.437696 | 490.5397811 | 1293.683652 | 466.584584 | 1325.070896 | 430.1312521 | 1310.798766 | 415.9385171 |
| KM/hybrid42.fract | 509.3192079 | 169.5748811 | 476.858922 | 162.306916 | 469.7321141 | 155.3377259 | 457.5925391 | 149.624769 |
| KM/hypercomplex 03.fract | 938.9016819 | 224.1884699 | 1038.295837 | 219.9194322 | 971.6862659 | 213.673425 | 957.5908182 | 191.4660189 |
| KM/IFS 19 - maxiter.fract | 1427.447612 | 414.403882 | 1545.569445 | 341.122149 | 1513.385029 | 369.9691682 | 1483.244719 | 296.3690269 |
| KM/IFS 20.fract | 636.7319949 | 411.994895 | 678.625299 | 405.7820749 | 705.3569279 | 381.7601428 | 657.40992 | 407.5921929 |
| KM/IFS 21.fract | 314.4908831 | 185.028034 | 316.185621 | 184.974983 | 327.4307711 | 176.2956729 | 322.0357349 | 175.6735098 |
| KM/IFS 25.fract | 363.9832399 | 177.288182 | 368.9892631 | 172.48048 | 364.8271871 | 164.6914999 | 370.3142791 | 160.978996 |
| KM/IFS 29\_2.fract | 337.7264221 | 224.0317979 | 326.90483 | 220.728107 | 340.0481639 | 212.0344241 | 340.8516281 | 209.8501191 |
| KM/IFS 31.fract | 546.6395211 | 344.869849 | 566.881475 | 373.8387208 | 556.8969719 | 353.710397 | 561.7232971 | 341.4894669 |
| KM/IFS 32.fract | 350.450129 | 345.5929289 | 329.102639 | 322.2548671 | 322.5355129 | 309.986294 | 296.4291179 | 241.7454381 |
| KM/iter fog 002\_2.fract | 644.5396101 | 461.327049 | 631.2523022 | 463.293515 | 621.519208 | 402.589257 | 624.292917 | 401.929255 |
| KM/iter fog 2.fract | 552.5369201 | 194.415154 | 596.705492 | 156.02285 | 578.3088191 | 147.3100462 | 617.0994401 | 137.1033199 |
| KM/mandelbox 22.fract | 395.4626989 | 169.3518469 | 407.5703051 | 161.6977229 | 407.015353 | 169.346803 | 418.0723829 | 142.8419819 |
| KM/mandelbox10.fract | 988.8626111 | 506.4082179 | 1054.15382 | 493.0956981 | 1021.235819 | 427.7747469 | 1059.339806 | 415.8134439 |
| KM/mandelbox11 - rotations.fract | 416.835233 | 348.53058 | 397.9474258 | 343.6947868 | 413.3887601 | 331.1943769 | 392.3065178 | 333.613127 |
| KM/mandelbox15 - rotations.fract | 825.6698599 | 283.9196579 | 849.519511 | 263.3960438 | 822.63342 | 241.5761449 | 829.4238231 | 234.5219929 |
| KM/mandelbox17.fract | 734.73738 | 218.643086 | 708.615227 | 201.0670781 | 723.5654042 | 187.4382098 | 729.1747169 | 177.115653 |
| KM/mandelbox18.fract | 650.511076 | 290.0817902 | 695.775084 | 247.1828492 | 668.5084131 | 233.2314441 | 708.0354528 | 220.0406492 |
| KM/mandelbox19.fract | 675.3214648 | 262.2746859 | 693.1371861 | 248.782239 | 695.310802 | 233.795023 | 704.9496992 | 220.5915701 |
| KM/mandelbox24.fract | 694.5244222 | 256.1477511 | 800.7162819 | 187.2119999 | 798.5231721 | 186.6564372 | 808.421402 | 169.679853 |
| KM/mandelbox25\_3.fract | 574.808224 | 237.3524179 | 621.4924159 | 191.915534 | 581.1534731 | 211.7871211 | 606.4623611 | 170.7380419 |
| KM/mandelbox27.fract | 508.3526959 | 150.7133689 | 523.6736131 | 111.2360971 | 502.726306 | 118.973567 | 532.2184079 | 107.000675 |
| KM/mandelbox28.fract | 789.4345191 | 354.166779 | 793.0621481 | 301.8254399 | 773.5234342 | 256.9067502 | 723.400667 | 268.1806152 |
| KM/mandelbox29.fract | 429.5993171 | 172.6208789 | 457.5455539 | 165.7837548 | 469.8318009 | 158.8475928 | 472.559114 | 154.4296191 |
| KM/mandelbox30.fract | 376.5659239 | 219.5577459 | 373.254791 | 213.48594 | 380.1242189 | 196.6496329 | 375.2542579 | 191.147604 |
| KM/mandelbox31.fract | 1043.236384 | 448.8788671 | 1006.401965 | 388.4484198 | 997.5970929 | 344.28017 | 986.0503371 | 342.8503039 |
| KM/mandelbox36.fract | 738.2519131 | 311.0764451 | 730.7297342 | 291.854934 | 737.4594312 | 266.9712231 | 740.1374669 | 257.219177 |
| KM/mandelbox49.fract | 675.305423 | 523.9158921 | 695.053206 | 519.4983618 | 671.055383 | 448.8198862 | 665.0646369 | 451.8640869 |
| KM/mandelbox52\_2.fract | 584.697413 | 406.8328011 | 571.9916298 | 397.6514909 | 523.970345 | 361.253931 | 584.6335912 | 354.077862 |
| KM/mandelbox8 - maxiter.fract | 1349.622361 | 375.4823589 | 1295.773457 | 356.9890668 | 1270.44149 | 342.8167598 | 1274.65404 | 315.040772 |
| KM/mandelbulb powe 6 - circle.fract | 658.5879891 | 160.838573 | 622.1298921 | 155.6580851 | 614.175868 | 158.2889888 | 638.9144619 | 147.0438402 |
| KM/mandelbulb power 2 - slice 4.fract | 463.6347189 | 361.4114749 | 501.3749089 | 351.9813981 | 453.613101 | 292.8667519 | 483.9515409 | 288.2755539 |
| KM/mandelbulb power 2 - slice 5.fract | 954.9040871 | 307.2423282 | 905.0304129 | 277.4220619 | 909.412528 | 248.709424 | 938.892406 | 239.920234 |
| KM/mandelbulb power 4 - water.fract | 895.0040681 | 254.857882 | 893.5306182 | 214.9784739 | 808.3292851 | 242.6550019 | 851.062777 | 203.81586 |
| KM/mandelbulb power 8 - 4\_2.fract | 843.2936571 | 286.373101 | 870.4957509 | 265.9825349 | 839.1398299 | 260.5632751 | 857.401031 | 251.2886128 |
| KM/mandelbulb power 8 - 7 - volmetric fog.fract | 848.8323681 | 226.526083 | 884.5500009 | 170.1140308 | 855.0294149 | 224.4277749 | 847.8773448 | 160.1202121 |
| KM/menger sponge 004\_2.fract | 440.853148 | 233.5965111 | 434.6353271 | 193.9109411 | 443.4903662 | 230.8185608 | 429.554306 | 189.93853 |
| KM/modified mandelbulb 001.fract | 1760.543059 | 324.8282661 | 1723.688292 | 248.5632479 | 1772.237249 | 257.543695 | 1740.412543 | 241.2544422 |
| KM/orbitTraps 003.fract | 696.9101119 | 265.077085 | 716.9337151 | 252.1840851 | 649.1682169 | 236.4910629 | 685.199703 | 223.693346 |
| KM/orbitTraps 004.fract | 668.3033378 | 296.3204849 | 619.4668539 | 289.4117711 | 626.7051101 | 272.1258049 | 619.2240629 | 262.991015 |
| KM/orbitTraps 005.fract | 1362.756601 | 503.9675319 | 1404.548255 | 482.835144 | 1218.221654 | 436.015121 | 1247.253468 | 414.455199 |
| KM/orbitTraps 006.fract | 571.5296719 | 268.3069811 | 540.79161 | 260.152828 | 519.187171 | 234.7048762 | 538.577404 | 227.1454079 |
| KM/primitive objects - water.fract | 2586.853596 | 455.735657 | 2542.131474 | 450.7118101 | 2581.947503 | 436.21311 | 2489.884153 | 435.7621789 |
| KM/xenodreambuie2.fract | 987.3403201 | 217.7578211 | 973.8810921 | 211.865006 | 922.3161421 | 214.7540779 | 965.1129799 | 200.9010708 |
| KM/xenodreambuie3.fract | 931.7646718 | 429.8922708 | 897.986793 | 424.7980011 | 940.458364 | 406.0976381 | 922.071398 | 403.567873 |
| Makin3D-Julia\_001.fract | 1653.236648 | 418.7817149 | 1633.941758 | 367.0513229 | 1517.944929 | 319.501271 | 1599.76198 | 303.1706281 |
| mandelbox001.fract | 1653.42703 | 431.7619252 | 1480.619636 | 413.2663331 | 1505.720459 | 396.0090082 | 1513.580398 | 357.975214 |
| mandelbox002.fract | 394.3238111 | 160.4466739 | 398.2589309 | 149.155297 | 413.0070541 | 150.9900818 | 420.8458509 | 141.2472799 |
| mandelbulb002.fract | 588.303828 | 118.8342061 | 590.3608029 | 134.6156549 | 568.4849398 | 129.4579251 | 559.9610171 | 129.2330549 |
| menger-mod1\_001.fract | 317.629755 | 114.8975511 | 313.613306 | 111.704828 | 296.203815 | 106.8451738 | 301.5845201 | 103.4778011 |
| msltoe\_julia\_bulb\_eiffie\_001.fract | 576.486789 | 254.0066371 | 562.291687 | 215.642936 | 584.1425941 | 233.904357 | 577.120369 | 195.3646979 |
| primitives001.fract | 828.2730491 | 238.9772589 | 900.7683659 | 267.7497361 | 941.8629129 | 258.3827529 | 830.2439928 | 255.960357 |
| quaternion\_001.fract | 2131.652446 | 271.1348011 | 2016.810089 | 228.1381369 | 2031.885846 | 266.4025159 | 1938.080033 | 203.720757 |
| riemann\_sphere\_msltoe\_001.fract | 1242.243898 | 339.3916409 | 1237.970243 | 228.6648638 | 1271.944753 | 333.694551 | 1243.647714 | 217.4418011 |
| SJ/hybrid 02 - rectangle hieroglyphs animation.fract | 705.473249 | 347.001215 | 758.9248779 | 347.3355441 | 760.1554599 | 306.0917041 | 733.1783471 | 308.1922641 |
| SJ/hybrid 02 - rectangle hieroglyphs.fract | 1147.999738 | 453.0315161 | 1015.535857 | 479.63921 | 974.3388319 | 426.5970371 | 1041.859068 | 428.599051 |