**5.15.0freq_schedutil: dahu-29: 2 x Intel Xeon Gold 6130, 16 cores/CPU**

| Test: dahu-29 5.15.0freq-schedutil | Runtime | CPU power | RAM power |
|---|---|---|---|
| avrora_freq10 | 79.5055 ± 0.3298 (0%) | 4804.4830 ± 22.3408 (0%) | 2372.9950 ± 11.5094 (0%) |
| avrora_freq15 | 56.7756 ± 0.1909 (0%) | 3520.0250 ± 26.7645 (0%) | 1706.6990 ± 15.0320 (0%) |
| avrora_freq20 | **46.2163** ± 0.4422 (0%) | **2975.5300** ± 18.4422 (0%) | **1383.3360** ± 9.5950 (0%) |
| avrora_freq25 | 31.8795 ± 0.3786 (1%) | 3605.5110 ± 10.6989 (0%) | 1406.3790 ± 6.4529 (0%) |
| avrora_freq30 | 27.7103 ± 0.0974 (0%) | 3265.1520 ± 7.1015 (0%) | 1235.5450 ± 4.1183 (0%) |
| avrora_freq35 | 25.4644 ± 0.0825 (0%) | 3142.0730 ± 8.9627 (0%) | 1139.7800 ± 5.4177 (0%) |
| avrora_freq37 | 25.4692 ± 0.0546 (0%) | 3149.4060 ± 14.3350 (0%) | 1142.9890 ± 6.5845 (0%) |
| | | | |
| h2_freq10 | 99.8925 ± 0.4384 (0%) | 6100.5350 ± 99.4964 (1%) | 3239.6100 ± 48.4699 (1%) |
| h2_freq15 | 70.0548 ± 1.0680 (1%) | 4440.2950 ± 55.1678 (1%) | 2321.2250 ± 22.4489 (0%) |
| h2_freq20 | **56.2937** ± 0.8252 (1%) | **3731.1560** ± 32.0904 (0%) | **1886.2960** ± 19.5496 (1%) |
| h2_freq25 | 43.4275 ± 0.3904 (0%) | 4924.2250 ± 60.1793 (1%) | 2030.6580 ± 39.4509 (1%) |
| h2_freq30 | 37.6343 ± 0.6643 (1%) | 4375.3220 ± 81.8210 (1%) | 1731.8120 ± 35.0034 (2%) |
| h2_freq35 | 34.8410 ± 0.5124 (1%) | 4227.6440 ± 59.7071 (1%) | 1635.3940 ± 33.0691 (2%) |
| h2_freq37 | 34.5127 ± 0.4743 (1%) | 4181.9290 ± 50.4715 (1%) | 1607.1940 ± 27.0351 (1%) |
| | | | |
| xalan_freq10 | 10.3473 ± 0.4167 (4%) | 1153.3680 ± 48.4210 (4%) | 662.1400 ± 20.3283 (3%) |
| xalan_freq15 | 7.9671 ± 0.2889 (3%) | 1027.7840 ± 44.0818 (4%) | 556.7600 ± 15.2474 (2%) |
| xalan_freq20 | **6.7914** ± 0.3112 (4%) | **998.0690** ± 36.2234 (3%) | **479.3040** ± 15.8233 (3%) |
| xalan_freq25 | 5.2156 ± 0.2302 (4%) | 1094.4020 ± 32.6664 (2%) | 429.1490 ± 12.3289 (2%) |
| xalan_freq30 | 4.8643 ± 0.1851 (3%) | 1098.2600 ± 34.2431 (3%) | 407.0890 ± 13.8777 (3%) |
| xalan_freq35 | 4.9629 ± 0.3183 (6%) | 1092.1510 ± 59.2586 (5%) | 405.5320 ± 16.6699 (4%) |
| xalan_freq37 | 4.9235 ± 0.1915 (3%) | 1098.5350 ± 30.5443 (2%) | 406.9260 ± 6.5429 (1%) |

**5.15.0freq_schedutil: grappe-11: 2 x Intel Xeon Gold 5218R, 20 cores/CPU**

| Test: grappe-11 5.15.0freq-schedutil | Runtime | CPU power | RAM power |
|---|---|---|---|
| avrora_freq10 | 64.8447 ± 0.1848 (0%) | 3735.3923 ± 23.8470 (0%) | 1480.7843 ± 11.1300 (0%) |
| avrora_freq15 | 46.9616 ± 0.3172 (0%) | 2781.4670 ± 18.2658 (0%) | 1043.6470 ± 10.0989 (0%) |
| avrora_freq20 | **38.7802** ± 0.1092 (0%) | **2370.9527** ± 31.0310 (1%) | **854.6240** ± 17.7032 (2%) |
| avrora_freq25 | 26.6398 ± 0.2329 (0%) | — | — |
| avrora_freq30 | 23.2624 ± 0.1812 (0%) | 2421.6670 ± 14.9009 (0%) | 751.6740 ± 10.4090 (1%) |
| avrora_freq35 | 20.9029 ± 0.0633 (0%) | 2327.3633 ± 10.0815 (0%) | 659.6163 ± 5.7813 (0%) |
| avrora_freq37 | 20.3175 ± 0.1219 (0%) | 2298.1277 ± 11.8176 (0%) | 636.2607 ± 4.5817 (0%) |
| | | | |
| h2_freq10 | 100.8991 ± 1.4432 (1%) | 5839.8823 ± 64.6241 (1%) | 2433.5747 ± 26.9822 (1%) |
| h2_freq15 | 71.7764 ± 0.5486 (0%) | 4286.8387 ± 61.4423 (1%) | 1776.3457 ± 24.0006 (1%) |
| h2_freq20 | **57.8385** ± 0.5464 (0%) | **3582.1060** ± 56.8852 (1%) | **1448.4277** ± 26.7986 (1%) |
| h2_freq25 | 43.1336 ± 0.5812 (1%) | 4384.5823 ± 51.4732 (1%) | 1489.3720 ± 20.3674 (1%) |
| h2_freq30 | 37.4645 ± 0.5649 (1%) | 3965.9470 ± 41.2722 (1%) | 1308.5253 ± 18.6349 (1%) |
| h2_freq35 | 33.9824 ± 0.4747 (1%) | 3765.9860 ± 53.8407 (1%) | 1184.9177 ± 20.0328 (1%) |
| h2_freq37 | 33.7917 ± 0.4146 (1%) | 3746.8957 ± 57.0949 (1%) | 1167.6440 ± 23.7956 (2%) |
| | | | |
| sunflow_freq10 | 18.0512 ± 0.5465 (3%) | 1693.9567 ± 66.9087 (3%) | 732.6253 ± 14.4599 (1%) |
| sunflow_freq15 | 13.7120 ± 0.4320 (3%) | 1522.7950 ± 57.3612 (3%) | 598.2337 ± 11.8071 (1%) |
| sunflow_freq20 | **11.1747** ± 0.4531 (4%) | **1475.5920** ± 70.7748 (4%) | **529.3710** ± 15.4343 (2%) |
| sunflow_freq25 | 9.3537 ± 0.3045 (3%) | 1646.1370 ± 63.2278 (3%) | 532.1523 ± 18.1147 (3%) |
| sunflow_freq30 | 8.4229 ± 0.4598 (5%) | 1720.5707 ± 78.2116 (4%) | 505.5477 ± 19.1718 (3%) |
| sunflow_freq35 | 8.3784 ± 0.6359 (7%) | 1769.6563 ± 44.5116 (2%) | 496.6877 ± 12.0040 (2%) |
| sunflow_freq37 | 8.1761 ± 0.4615 (5%) | 1755.5083 ± 54.4622 (3%) | 491.4290 ± 13.4503 (2%) |
| | | | |
| xalan_freq10 | 10.4154 ± 0.3985 (3%) | 1098.5533 ± 58.8496 (5%) | 567.3123 ± 19.9644 (3%) |
| xalan_freq15 | 8.2068 ± 0.4604 (5%) | 1035.5317 ± 67.6097 (6%) | 487.7957 ± 23.5065 (4%) |
| xalan_freq20 | **6.9485** ± 0.3564 (5%) | **1002.4497** ± 39.6767 (3%) | **425.6137** ± 12.2783 (2%) |
| xalan_freq25 | 5.7774 ± 0.3662 (6%) | 1147.7503 ± 88.4251 (7%) | 402.6640 ± 24.1347 (5%) |
| xalan_freq30 | 5.3830 ± 0.2218 (4%) | 1194.6987 ± 58.6968 (4%) | 386.0833 ± 15.4323 (3%) |
| xalan_freq35 | 5.5583 ± 0.2777 (4%) | 1201.3783 ± 70.6140 (5%) | 387.8233 ± 16.8394 (4%) |
| xalan_freq37 | 5.5433 ± 0.4556 (8%) | 1236.3597 ± 76.0815 (6%) | 401.5710 ± 21.3066 (5%) |

**5.15.0freq_schedutil: grvingt-16: 2 x Intel Xeon Gold 6130, 16 cores/CPU**

| Test: grvingt-16 5.15.0freq-schedutil | Runtime | CPU power | RAM power |
|---|---|---|---|
| avrora_freq10 | 79.4790 ± 0.1817 (0%) | 5141.9590 ± 27.5895 (0%) | 2686.3533 ± 18.1550 (0%) |
| avrora_freq15 | 56.8102 ± 0.3652 (0%) | 3747.6103 ± 29.9697 (0%) | 1913.8017 ± 17.1370 (0%) |
| avrora_freq20 | **46.0912** ± 0.2372 (0%) | **3197.7990** ± 21.8015 (0%) | **1563.7260** ± 12.0831 (0%) |
| avrora_freq25 | 31.7178 ± 0.2257 (0%) | — | — |
| avrora_freq30 | 27.9962 ± 0.1361 (0%) | 3425.1560 ± 14.3434 (0%) | 1339.7597 ± 6.2085 (0%) |
| avrora_freq35 | 25.6978 ± 0.1034 (0%) | 3291.0503 ± 16.9521 (0%) | 1234.3070 ± 8.0083 (0%) |
| avrora_freq37 | 25.6655 ± 0.1580 (0%) | 3285.9107 ± 22.0457 (0%) | 1233.9953 ± 6.4703 (0%) |
| | | | |
| h2_freq10 | 100.0157 ± 1.1586 (1%) | 6453.3937 ± 73.1180 (1%) | 3595.3247 ± 38.7613 (1%) |
| h2_freq15 | 69.6701 ± 0.8424 (1%) | 4691.0413 ± 57.1407 (1%) | 2592.5553 ± 31.3691 (1%) |
| h2_freq20 | **56.4538** ± 0.7377 (1%) | **3970.5983** ± 51.0201 (1%) | **2095.9837** ± 27.2731 (1%) |
| h2_freq25 | 42.7922 ± 0.5020 (1%) | 5232.4107 ± 69.5260 (1%) | 2183.0240 ± 30.5725 (1%) |
| h2_freq30 | 37.2971 ± 0.6064 (1%) | 4711.4153 ± 76.9930 (1%) | 1895.5840 ± 32.9008 (1%) |
| h2_freq35 | 35.0718 ± 0.6688 (1%) | 4537.8330 ± 76.8454 (1%) | 1763.2997 ± 33.8506 (1%) |
| h2_freq37 | 34.6701 ± 0.5527 (1%) | 4510.4903 ± 63.9310 (1%) | 1749.7830 ± 26.7364 (1%) |
| | | | |
| sunflow_freq10 | 17.3790 ± 0.5558 (3%) | 1708.7937 ± 129.4818 (7%) | 950.9757 ± 28.0593 (2%) |
| sunflow_freq15 | 12.2185 ± 0.3142 (2%) | 1474.3377 ± 69.5073 (4%) | 738.7553 ± 20.4896 (2%) |
| sunflow_freq20 | **10.0049** ± 0.2699 (2%) | **1456.5323** ± 73.8946 (5%) | **636.4023** ± 16.8064 (2%) |
| sunflow_freq25 | 8.4124 ± 0.3510 (4%) | 1627.2893 ± 38.7421 (2%) | 627.5903 ± 15.3925 (2%) |
| sunflow_freq30 | 7.7118 ± 0.3353 (4%) | 1646.4150 ± 72.5243 (4%) | 592.1887 ± 24.7589 (4%) |
| sunflow_freq35 | 7.3552 ± 0.3490 (4%) | 1633.6737 ± 75.7847 (4%) | 576.5783 ± 26.2272 (4%) |
| sunflow_freq37 | 7.3760 ± 0.3369 (4%) | 1645.2330 ± 73.9842 (4%) | 578.8520 ± 25.0433 (4%) |
| | | | |
| xalan_freq10 | 10.3319 ± 0.3367 (3%) | 1200.9973 ± 51.0333 (4%) | 721.7957 ± 23.4977 (3%) |
| xalan_freq15 | 8.1496 ± 0.3480 (4%) | 1071.6963 ± 43.2903 (4%) | 596.5963 ± 19.5798 (3%) |
| xalan_freq20 | **6.8155** ± 0.3450 (5%) | **1038.6353** ± 51.6587 (4%) | **513.4360** ± 20.9049 (4%) |
| xalan_freq25 | 5.1542 ± 0.2287 (4%) | 1124.8077 ± 38.1474 (3%) | 455.6203 ± 14.0899 (3%) |
| xalan_freq30 | 4.9371 ± 0.3282 (6%) | 1163.6313 ± 68.1485 (5%) | 445.0680 ± 21.8494 (4%) |
| xalan_freq35 | 4.8265 ± 0.1863 (3%) | 1151.7940 ± 55.0353 (4%) | 443.0080 ± 19.2945 (4%) |
| xalan_freq37 | 5.1121 ± 0.3012 (5%) | 1144.5607 ± 55.1117 (4%) | 440.7970 ± 18.6061 (4%) |

**5.15.0freq_schedutil: gros-45: Intel Xeon Gold 5220, 18 cores/CPU**

| Test: gros-45 5.15.0freq-schedutil | Runtime | CPU power | RAM power |
|---|---|---|---|
| avrora_freq10 | 62.8825 ± 0.1943 (0%) | 1496.0563 ± 5.5625 (0%) | 1146.1780 ± 4.8772 (0%) |
| avrora_freq15 | 45.6862 ± 0.2641 (0%) | 1148.2037 ± 5.6690 (0%) | 804.7433 ± 3.7452 (0%) |
| avrora_freq20 | **37.5664** ± 0.1840 (0%) | **1017.1770** ± 2.9285 (0%) | **657.6540** ± 2.4971 (0%) |
| avrora_freq25 | 25.7167 ± 0.1223 (0%) | 1146.9193 ± 4.1284 (0%) | 823.8010 ± 2.8616 (0%) |
| avrora_freq30 | 22.6439 ± 0.0794 (0%) | — | — |
| avrora_freq35 | 20.5850 ± 0.0777 (0%) | 1112.9357 ± 4.6235 (0%) | 645.4397 ± 2.8924 (0%) |
| avrora_freq37 | 20.2537 ± 0.0605 (0%) | 1102.9293 ± 4.9750 (0%) | 633.5510 ± 2.7928 (0%) |
| | | | |
| h2_freq10 | 93.8058 ± 1.2350 (1%) | 2206.6993 ± 25.3635 (1%) | 1820.1003 ± 18.2915 (1%) |
| h2_freq15 | 67.0661 ± 0.7721 (1%) | 1656.2490 ± 19.2749 (1%) | 1343.1643 ± 14.2069 (1%) |
| h2_freq20 | **52.9569** ± 0.6812 (1%) | **1425.5657** ± 18.7830 (1%) | **1091.8837** ± 14.6223 (1%) |
| h2_freq25 | 39.9674 ± 0.5306 (1%) | 1725.8050 ± 17.8217 (1%) | 1300.6700 ± 13.1965 (1%) |
| h2_freq30 | 35.4601 ± 0.4860 (1%) | 1642.2860 ± 19.7612 (1%) | 1143.9077 ± 13.4364 (1%) |
| h2_freq35 | 32.0284 ± 0.4012 (1%) | 1592.4080 ± 21.0718 (1%) | 1026.7620 ± 13.0137 (1%) |
| h2_freq37 | 31.4050 ± 0.6565 (2%) | 1593.3153 ± 21.2949 (1%) | 1012.5257 ± 13.4935 (1%) |
| | | | |
| sunflow_freq10 | 18.9173 ± 0.5067 (2%) | 752.7693 ± 18.4971 (2%) | 566.6543 ± 12.1190 (2%) |
| sunflow_freq15 | 13.8960 ± 0.4283 (3%) | 671.4223 ± 23.2148 (3%) | 451.1930 ± 12.1920 (2%) |
| sunflow_freq20 | **11.2411** ± 0.4116 (3%) | **664.4397** ± 19.8890 (2%) | **386.0543** ± 5.9288 (1%) |
| sunflow_freq25 | 8.1921 ± 0.2485 (3%) | 758.6103 ± 23.7540 (3%) | 347.7850 ± 10.3330 (2%) |
| sunflow_freq30 | 7.7755 ± 0.3443 (4%) | 800.3773 ± 24.0266 (3%) | 333.0987 ± 9.1941 (2%) |
| sunflow_freq35 | 7.4128 ± 0.1990 (2%) | 795.5927 ± 21.0363 (2%) | 323.1270 ± 7.8251 (2%) |
| sunflow_freq37 | 7.5432 ± 0.2882 (3%) | 804.4120 ± 23.4383 (2%) | 325.1447 ± 9.0914 (2%) |
| | | | |
| xalan_freq10 | 8.3858 ± 0.2201 (2%) | 382.4143 ± 14.6665 (3%) | 303.8427 ± 6.6591 (2%) |
| xalan_freq15 | 6.4204 ± 0.2220 (3%) | 360.1833 ± 12.0193 (3%) | 253.0220 ± 6.5792 (2%) |
| xalan_freq20 | **5.2396** ± 0.1432 (2%) | **363.3713** ± 10.6757 (2%) | **219.8427** ± 4.5749 (2%) |
| xalan_freq25 | 3.8369 ± 0.1152 (3%) | 390.8203 ± 12.3387 (3%) | 187.0560 ± 5.6399 (3%) |
| xalan_freq30 | 3.7092 ± 0.0891 (2%) | 402.9807 ± 13.6372 (3%) | 182.9827 ± 5.9378 (3%) |
| xalan_freq35 | 3.7690 ± 0.1376 (3%) | 406.1670 ± 13.0977 (3%) | 182.5320 ± 5.3721 (2%) |
| xalan_freq37 | 3.7026 ± 0.1382 (3%) | 411.6677 ± 11.5476 (2%) | 185.1680 ± 5.5110 (2%) |