|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average Energy Consumption (Kilo Joules) | | | | | | | | | |
| Thread\_1 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 76.20 | 59.65 | 58.72 | 60.12 | 61.61 | 58.73 | 61.66 | 63.16 | 63.21 |
| Remote | 38.30 | 38.10 | 38.07 | 37.83 | 38.07 | 38.07 | 37.87 | 38.14 | 39.12 |
| Thread\_2 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 42.72 | 32.26 | 33.21 | 35.48 | 35.20 | 35.20 | 34.40 | 35.28 | 35.17 |
| Remote | 35.19 | 34.85 | 35.58 | 37.56 | 36.96 | 36.29 | 37.67 | 36.62 | 37.70 |
| Thread\_3 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 34.14 | 26.39 | 30.94 | 33.06 | 33.50 | 33.32 | 33.92 | 33.35 | 33.11 |
| Remote | 35.41 | 33.60 | 34.98 | 37.67 | 36.29 | 37.60 | 37.60 | 37.60 | 37.63 |
| Thread\_4 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 31.08 | 27.94 | 27.53 | 29.14 | 30.81 | 29.31 | 28.06 | 28.75 | 29.26 |
| Remote | 34.49 | 35.46 | 34.09 | 34.15 | 36.80 | 37.53 | 36.86 | 36.16 | 38.17 |
| Thread\_5 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 31.60 | 30.65 | 26.54 | 30.67 | 26.15 | 28.46 | 28.95 | 28.98 | 26.51 |
| Remote | 33.78 | 34.11 | 36.13 | 34.88 | 34.88 | 34.88 | 35.55 | 35.46 | 36.93 |
| Thread\_6 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 33.25 | 26.82 | 21.09 | 27.10 | 27.97 | 27.85 | 27.93 | 27.71 | 28.34 |
| Remote | 33.84 | 33.54 | 35.43 | 35.43 | 36.19 | 36.16 | 36.83 | 37.53 | 37.53 |
| Thread\_7 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 31.59 | 27.38 | 21.69 | 28.61 | 28.30 | 28.04 | 28.20 | 27.75 | 28.08 |
| Remote | 33.78 | 34.18 | 34.85 | 36.13 | 36.86 | 38.24 | 38.27 | 38.24 | 38.27 |
| Thread\_8 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 31.89 | 25.78 | 22.40 | 25.86 | 28.16 | 28.47 | 27.73 | 27.57 | 27.67 |
| Remote | 37.02 | 37.56 | 37.46 | 37.43 | 38.82 | 38.24 | 38.24 | 38.27 | 38.75 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average Energy Consumption per Second (Watts) | | | | | | | | | |
| Thread\_1 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 42 | 43 | 42 | 41 | 42 | 40 | 42 | 43 | 43 |
| Remote | 56 | 56 | 56 | 55.5 | 56.5 | 56.5 | 56 | 56.5 | 58 |
| Thread\_2 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 47 | 47 | 48 | 48 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| Remote | 52 | 52 | 53 | 56 | 55 | 54 | 56 | 54.5 | 56 |
| Thread\_3 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 54.5 | 54.5 | 54 | 54.5 | 55 | 54.5 | 55 | 54.5 | 54 |
| Remote | 52 | 50 | 52 | 56 | 54 | 56 | 56 | 56 | 56 |
| Thread\_4 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 56 | 57 | 57 | 57 | 57 | 57 | 56 | 56.5 | 57.5 |
| Remote | 51 | 53 | 51 | 51 | 55 | 56 | 55 | 54 | 57 |
| Thread\_5 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 58 | 62 | 61 | 61 | 58.5 | 59 | 58 | 60 | 59 |
| Remote | 50 | 50 | 54 | 52 | 52 | 52 | 53 | 53 | 55 |
| Thread\_6 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 61.5 | 62 | 63 | 63 | 63.5 | 63.5 | 63 | 63 | 64 |
| Remote | 50 | 50 | 53 | 53 | 54 | 54 | 55 | 56 | 56 |
| Thread\_7 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 61.5 | 65 | 65.5 | 65.5 | 65.5 | 65 | 65 | 64.5 | 65 |
| Remote | 50 | 51 | 52 | 54 | 55 | 57 | 57 | 57 | 57 |
| Thread\_8 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 64.5 | 66 | 67.5 | 66 | 66 | 66 | 65 | 65 | 64.5 |
| Remote | 54.5 | 56 | 56 | 56 | 57 | 57 | 57 | 57 | 57 |

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| Runtimes (Minutes) | | | | | | | | | |
| Thread\_1 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 30.24 | 23.12 | 23.3 | 24.44 | 24.45 | 24.47 | 24.47 | 24.48 | 24.5 |
| Remote | 11.4 | 11.34 | 11.33 | 11.36 | 11.23 | 11.23 | 11.27 | 11.25 | 11.24 |
| Thread\_2 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 15.15 | 11.44 | 11.53 | 12.32 | 12.35 | 12.35 | 12.07 | 12.38 | 12.34 |
| Remote | 11.28 | 11.17 | 11.19 | 11.18 | 11.2 | 11.2 | 11.21 | 11.2 | 11.22 |
| Thread\_3 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 10.44 | 8.07 | 9.55 | 10.11 | 10.15 | 10.19 | 10.28 | 10.2 | 10.22 |
| Remote | 11.35 | 11.2 | 11.21 | 11.21 | 11.2 | 11.19 | 11.19 | 11.19 | 11.2 |
| Thread\_4 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 9.25 | 8.17 | 8.05 | 8.52 | 9.01 | 8.57 | 8.35 | 8.48 | 8.48 |
| Remote | 11.27 | 11.15 | 11.14 | 11.16 | 11.15 | 11.17 | 11.17 | 11.16 | 11.16 |
| Thread\_5 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 9.08 | 8.24 | 7.25 | 8.38 | 7.45 | 8.04 | 8.32 | 8.05 | 7.49 |
| Remote | 11.26 | 11.37 | 11.15 | 11.18 | 11.18 | 11.18 | 11.18 | 11.15 | 11.19 |
| Thread\_6 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 9.01 | 7.21 | 5.58 | 7.17 | 7.34 | 7.31 | 7.39 | 7.33 | 7.38 |
| Remote | 11.28 | 11.18 | 11.14 | 11.14 | 11.17 | 11.16 | 11.16 | 11.17 | 11.17 |
| Thread\_7 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 8.56 | 7.02 | 5.52 | 7.28 | 7.2 | 7.19 | 7.23 | 7.17 | 7.2 |
| Remote | 11.26 | 11.17 | 11.17 | 11.15 | 11.17 | 11.18 | 11.19 | 11.18 | 11.19 |
| Thread\_8 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Local | 8.24 | 6.51 | 5.53 | 6.53 | 7.11 | 7.19 | 7.11 | 7.07 | 7.15 |
| Remote | 11.32 | 11.18 | 11.15 | 11.14 | 11.35 | 11.18 | 11.18 | 11.19 | 11.33 |