|  |  |  |
| --- | --- | --- |
| **Array Length** | **Execution Time (ms) [512 threads per block]** | **Execution Time (ms) [1024 threads per block]** |
| 32 | 22.0184 | 12.4941 |
| 64 | 1.46445 | 13.1226 |
| 128 | 18.4474 | 26.9673 |
| 256 | 10.889 | 4.03763 |
| 512 | 3.49181 | 21.9945 |
| 1024 | 11.3171 | 32.036 |
| 2048 | 132.413 | 98.0869 |
| 4096 | 1355.42 | 1397.57 |
| 8192 | 11728.7 | 11910.8 |
| 16384 | 95529.6 | 96671.6 |
| 32768 | 787494 | 794095 |