|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Processor | Hardware Multiplier | Number of logic elements | Number of Memory Blocks | Time to Perform 100x100 matrix multiplication |
| Nios2/s | None | 3655 | 79488 | 8.942154 |
| Nios2/e | None | 2892 | 44032 | 60.017551 |
| Nios2/f | None | 4338 | 97664 | 5.506891 |
| Nios2/f | Embedded Multiplier | 4658 | 97664 | 2.862932 |