**Performance of Speck**

(charts only display on Microsoft Office)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Encrypt |  |  |  |  |
| block size | key size | time(s) | # of blocks | time/block(ms) |
| 32 | 64 | 8.01 | 23040000 | 0.000347656 |
| 48 | 72 | 5.3 | 15360000 | 0.000345052 |
| 48 | 96 | 5.5 | 15360000 | 0.000358073 |
| 64 | 96 | 4.7 | 11520000 | 0.000407986 |
| 64 | 128 | 4.82 | 11520000 | 0.000418403 |
| 96 | 96 | 3.43 | 7680000 | 0.000446615 |
| 96 | 144 | 3.59 | 7680000 | 0.000467448 |
| 128 | 128 | 3 | 5760000 | 0.000520833 |
| 128 | 192 | 3.06 | 5760000 | 0.00053125 |
| 128 | 256 | 3.15 | 5760000 | 0.000546875 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Decrypt |  |  |  |  |
| block size | key size | time(s) | # of blocks | time/block(ms) |
| 32 | 64 | 9.82 | 23040000 | 0.000426215 |
| 48 | 72 | 6.76 | 15360000 | 0.000440104 |
| 48 | 96 | 7.12 | 15360000 | 0.000463542 |
| 64 | 96 | 6.12 | 11520000 | 0.00053125 |
| 64 | 128 | 6.11 | 11520000 | 0.000530382 |
| 96 | 96 | 4.42 | 7680000 | 0.000575521 |
| 96 | 144 | 4.49 | 7680000 | 0.000584635 |
| 128 | 128 | 3.82 | 5760000 | 0.000663194 |
| 128 | 192 | 3.81 | 5760000 | 0.000661458 |
| 128 | 256 | 3.95 | 5760000 | 0.000685764 |