Gas and Benchmarks

This section will list the gas costs for every operation based on it's inputs. The gas prices are a subject to change based on usage and performance.

tip The current gas limit for a tranasaction is set to be 50 million FHE.sol function Input Time in Query (ms) Gas Units add euint8 35 7,315 euint16 73 15,275 euint32 163 34,067 asEuint inEuint 44 9,196 euint 5 1,045 uint 5 1,045 sealOutput * 23 2,507 decrypt * 18 3,762 lte euint8 18 3,762 euint16 29 6,061 euint32 43 8,987 sub euint8 35 7,315 euint16 73 15,275 euint32 163 34,067 mul euint8 94 19,646 euint16 311 64,999 euint32 1127 235,543 lt euint8 22 4,598 euint16 36 7,524 euint32 60 12,540 select euint8 214 44,726 euint16 316 66,044 euint32 549 114,741 require * 65 13,585 div euint8 447 93,423 euint16 1310 273,790 euint32 4800 1,003,200 gt euint8 21 4,389 euint16 29 6,061 euint32 45 9,405 gte euint8 21 4,389 euint16 29 6,061 euint32 45 9,405 rem euint8 447 93,423 euint16 1310 273,790 euint32 4800 1,003,200 or euint8 13 2,717 euint16 21 4,389 euint32 38 7,942 xor euint8 13 2,717 euint16 21 4,389 euint32 38 7,942 eq euint8 18 3,762 euint16 25 5,225 euint32 50 10,450 ne euint8 18 3,762 euint16 25 5,225 euint32 50 10,450 min euint8 41 8,569 euint16 75 15,675 euint32 135 28,215 max euint8 41 8,569 euint16 75 15,675 euint32 135 28,215 shl euint8 82 17,138 euint16 190 39,710 euint32 422 88,198 shr euint8 82 17,138 euint16 190 39,710 euint32 422 88,198 not euint8 12 2,508 euint16 22 4,598 euint32 36 7,524 [Edit this page](#)