

Performance: x86/x64

Intel Core2 E8400 3.0 GHz

▼ Click to compare ▼	Mode
<input checked="" type="radio"/> Lua 5.1.5	x86
<input type="radio"/> LuaJIT 1.1.6 -O	
<input type="radio"/> LuaJIT 2.0.0 (interpreter)	
<input type="radio"/> LuaJIT 2.0.0	
<input type="radio"/> Lua 5.1.5	x64
<input type="radio"/> LuaJIT 2.0.0 (interpreter)	
<input type="radio"/> LuaJIT 2.0.0	

Interactive Performance Comparison Chart

- Select two VMs to compare. Click to [the left](#) for the 1st one and to [the right](#) for the 2nd one. Then [take a look at the results below](#).
- E.g. a [ratio of 49.71](#) means the 2nd VM runs that [benchmark almost fifty times faster](#). Please note the bar graph has *logarithmic* scale.
- Choose different VMs to compare or compare the same VM on x86 and x64.
- Click on the arrows next to *Benchmark* or *Ratio* to sort by these columns.

Benchmark▼	N	Ratio▼	4x	2x	2x	4x	8x	16x	32x	64x
md5	20000	134.71								
array3d	300	91.96								
euler14-bit	2e7	66.26								
mandelbrot-bit	5000	63.97								
scimark-lu	5000	54.14								
scimark-sor	50000	42.82								
nsieve-bit	12	41.25								
scimark-fft	50000	39.72								
spectral-norm	3000	35.45								
fannkuch	11	26.83								
scimark-sparse	15e4	23.48								
ray	9	22.57								
mandelbrot	5000	19.03								
recursive-fib	40	18.17								
recursive-ack	10	18.00								
nbody	5e6	16.32								
pidigits-nogmp	5000	14.34								
nsieve-bit-fp	12	13.76								
k-nucleotide	5e6	6.98								
fasta	25e6	5.83								
coroutine-ring	2e7	5.24								
nsieve	12	5.07								
binary-trees	16	4.90								
partialsums	1e7	4.49								
chameneos	1e7	3.56								
revcomp	5e6	3.03								
life		2.99								
series	10000	2.17								
sum-file	5000	1.52								