

Add Processor To Compare: 811 Processors With Sufficient Data Collected

AMD EPYC 7702P 64-CORE

Core Count	128
Thread Count	128
CPU Clock *	2 GHz
Core Family	Zen 2
First Appeared	2019
Overall Percentile	75th
Total OpenBenchmarking.org Results	9,129
Qualified Test Combinations	20
Performance Per Dollar	0
Affiliate Shopping Links *	
More Details On OpenBenchmarking.org (/s/AMD EPYC 7702P 64-Core)	
Remove From Comparison (/vs/Processor/)	

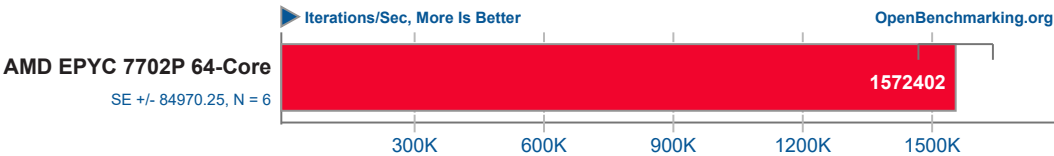
* Note: Due to differences in Linux drivers/interfaces, the reported CPU clock may be displayed different depending upon the CPU - i.e. base vs. boost frequency.
* Disclosure: OpenBenchmarking.org may earn a commission/referral on affiliate shopping links should you decide to make any purchases from the third-party shopping links.

Of the components selected for comparison, there were **20 benchmarks** in common (matching test profile, test version and any configurable test options) and where that data was statistically significant and at least three independent data points for each component of the public test results on OpenBenchmarking.org.

20 Benchmarks Found In Common - Sort By: Greatest Spread (/vs/Processor/AMD EPYC 7702P 64-Core&sort_by_spread)

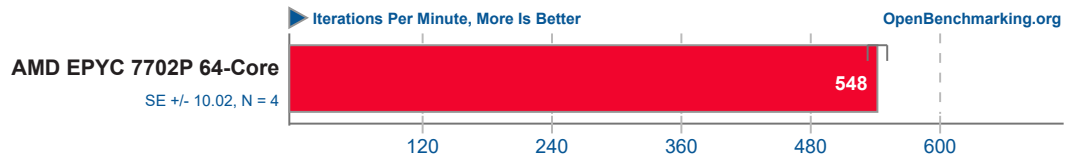
Coremark 1.0

CoreMark Size 666 - Iterations Per Second



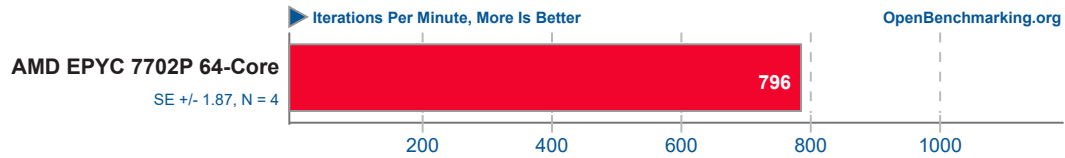
GraphicsMagick 1.3.33

Operation: Rotate



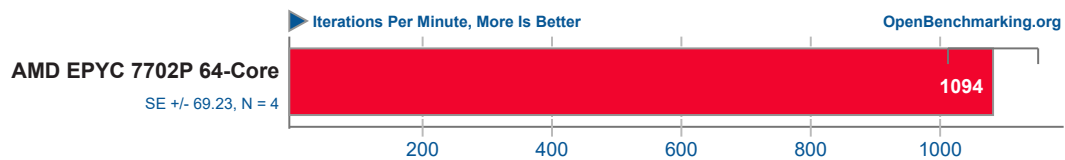
GraphicsMagick 1.3.33

Operation: Enhanced



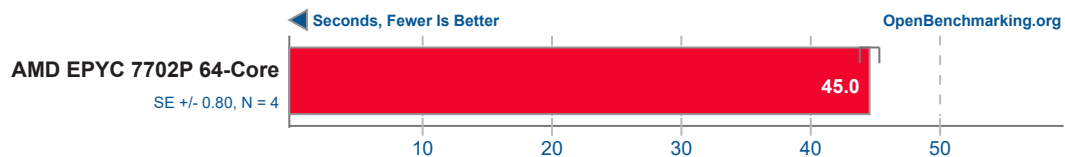
GraphicsMagick 1.3.33

Operation: HWB Color Space



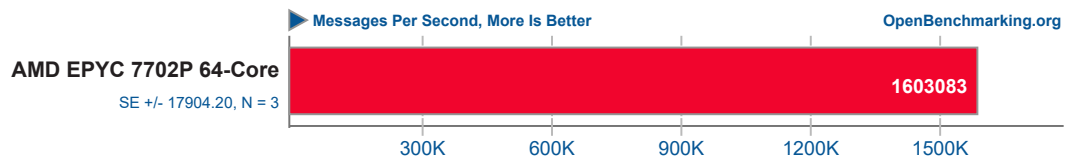
Gzip Compression

Linux Source Tree Archiving To .tar.gz



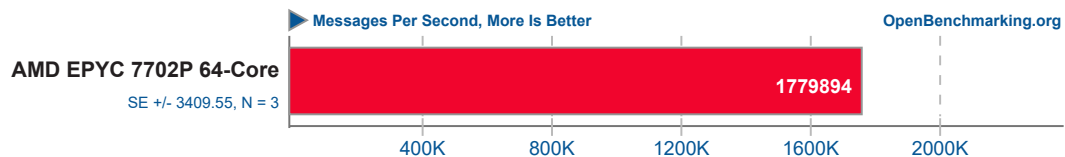
IPC_benchmark

Type: FIFO Named Pipe - Message Bytes: 4096



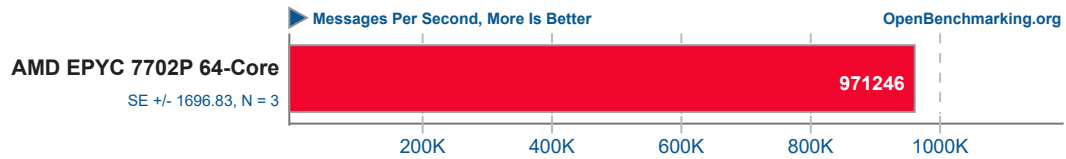
IPC_benchmark

Type: Unnamed Unix Domain Socket - Message Bytes: 128



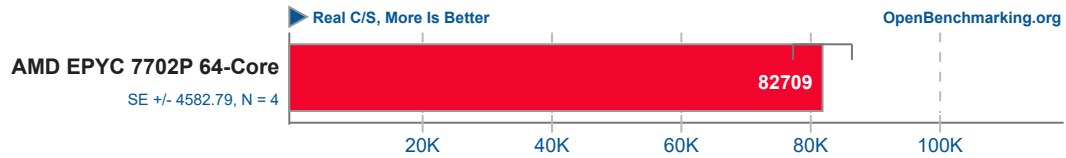
IPC_benchmark

Type: Unnamed Unix Domain Socket - Message Bytes: 4096



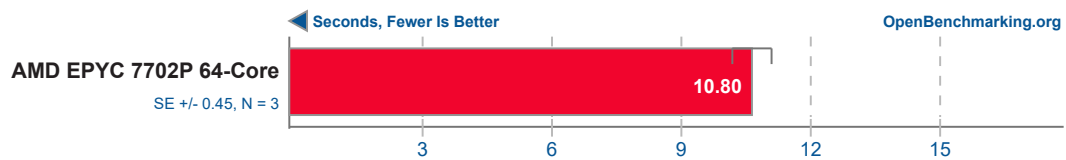
John The Ripper 1.9.0-jumbo-1

Test: Blowfish



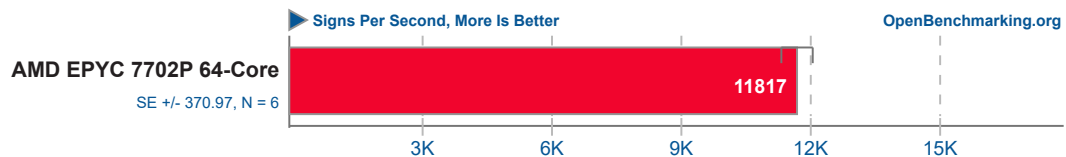
LAME MP3 Encoding 3.100

WAV To MP3



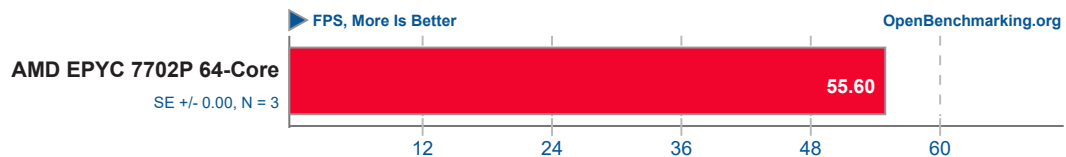
OpenSSL 1.1.1

RSA 4096-bit Performance



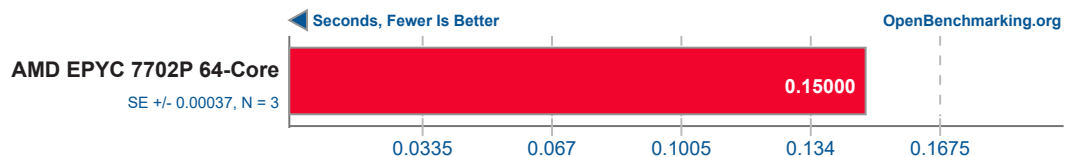
OSPray 1.8.5

Demo: San Miguel - Renderer: SciVis



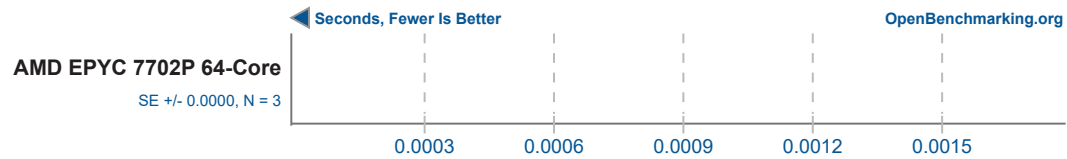
Perl Benchmarks

Test: Pod2html



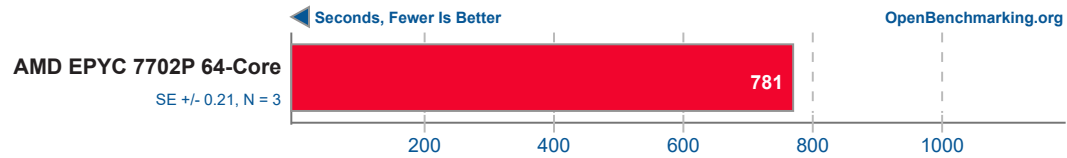
Perl Benchmarks

Test: Interpreter



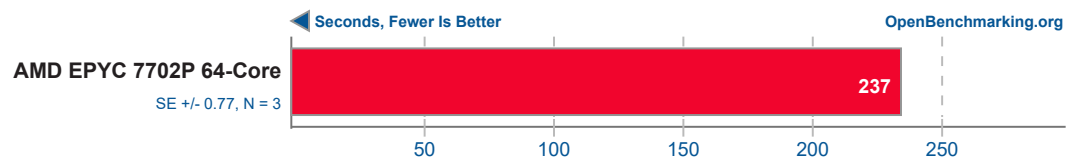
Radiance Benchmark 5.0

Test: Serial



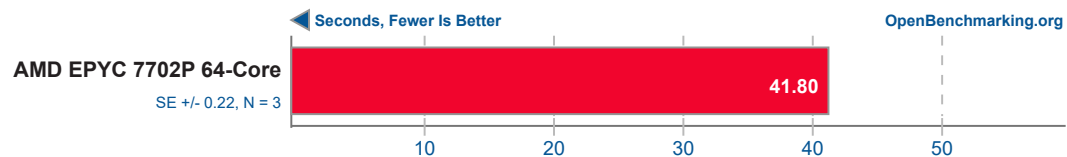
Radiance Benchmark 5.0

Test: SMP Parallel



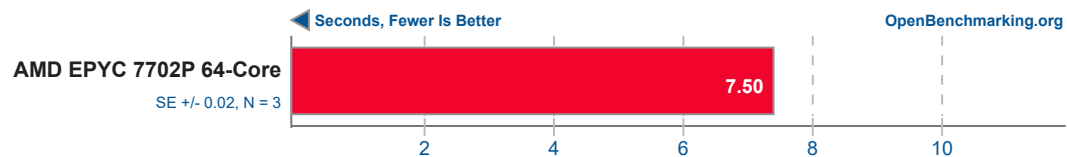
Rust Mandelbrot

Time To Complete Serial/Parallel Mandelbrot



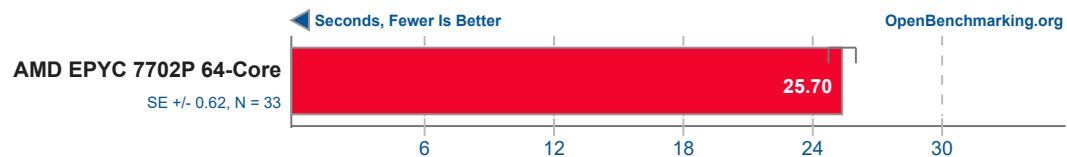
Rust Prime Benchmark

Prime Number Test To 200,000,000



Timed Linux Kernel Compilation 5.4

Time To Compile



XZ Compression 5.2.4

Compressing ubuntu-16.04.3-server-i386.img, Compression Level 9

