Task	Multi-threaded?	Intel core i9-9900 3.1 GHz gcc 9.3 (v2.53)	Intel core i9-9900 3.1 GHz gcc 12.2	Intel core i9-9900 3.1 GHz clang 15.0	Mac mini M1 CPU gcc 11 (v.253)	Mac mini M1 CPU gcc 12.2	Mac mini M1 CPU clang 14.0	Mac mini M1 CPU running x86_64 binary clang 14.0
Compile k2pdfopt libraries (over 2 million lines of C/C++)	Y	165 s	172 s	135 s		98 s	55 s	50 s
Tesseract v5.3 OCR benchmark with "fast" English training file	N	122 s	120 s	127 s		98 s	109 s	137 s
Tesseract v5.3 OCR benchmark with "best" English training file	N	339 s	309 s	332 s		214 s	231 s	355 s
Tesseract v4.1 OCR benchmark with "fast" English training file	N	150 s	155 s					
Tesseract v4.1 OCR benchmark with "best" English training file	N	527 s	528 s					
k2pdfopt benchmark, no OCR	N	131 s	144 s	136 s		80 s	68 s	82 s
k2pdfopt benchmark, Tesseract v5.3* OCR, 1 thread, "best"	N	261 s*	245 s	239 s		143 s	137 s	198 s
k2pdfopt benchmark, Tesseract v5.3* OCR, 4 threads, "best"	Y	195 s*	175 s	169 s		103 s	93 s	116 s
k2pdfopt benchmark, Tesseract v5.3* OCR, 8 threads, "best"	Y	208 s*	171 s	165 s		103 s	92 s	111 s

Notes

* - k2pdfopt benchmark uses Tesseract v4.1 for gcc 9.3 case

- Tesseract v5.3 set to use "fast float" algorithms
- Tesseract used AVX2 instruction set for Core i9-9900 CPU
- Tesseract used NEON instruction set for M1 CPU
- Tesseract used SSE instruction set on x86-64 emulation on M1 CPU