

Task	Multi-threaded?	Intel core i9-9900 3.1 GHz on Win 11				Mac Mini M1 CPU					
		gcc 12.2	gcc 13.2	clang 15.0	clang 17.0	gcc 12.2	gcc 13.2	clang 15.0	clang 17.0	clang 15.0 x86_64 on ARM	clang 17.0 x86_64 on ARM
Compile k2pdfopt libraries (over 2 million lines of C/C++)	Y	175 s	173 s	132 s	145 s	110 s	107 s	62 s	68 s	62 s	67 s
Tesseract v5.3.3 OCR benchmark with "fast" English training file	N	78 s	76 s	81 s	81 s		64 s	66 s	66 s	82 s	82 s
Tesseract v5.3.3 OCR benchmark with "best" English training file	N	183 s	175 s	176 s	174 s		121 s	128 s	128 s	188 s	191 s
k2pdfopt benchmark, no OCR	N	144 s	144 s	136 s	141 s	82 s	81 s	68 s	69 s	83 s	84 s
k2pdfopt benchmark, Tesseract v5.3.3 OCR, 1 thread, "best"	N	245 s	246 s	239 s	242 s	145 s	144 s	138 s	138 s	194 s	194 s
k2pdfopt benchmark, Tesseract v5.3.3 OCR, 4 threads, "best"	Y	175 s	177 s	169 s	170 s	105 s	106 s	94 s	95 s	117 s	118 s
k2pdfopt benchmark, Tesseract v5.3.3 OCR, 8 threads, "best"	Y	171 s	180 s	165 s	169 s	104 s	104 s	91 s	93 s	112 s	115 s

#### Notes

- 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