

Geekbench Score

180

Single-Core Score

814

Multi-Core Score

Geekbench 5.0.4 for macOS x86 (64-bit)

System Information

System Information

Operating System	macOS 10.15.1 (Build 19B88)
Model	iMac19,1
Model ID	iMac19,1
Motherboard	Apple Inc. Mac-AA95B1DDAB278B95 1.0
BIOS	Apple Inc. 1037.0.52.0.0

Processor Information

Name	Intel Core i7-3770
Topology	1 Processor, 4 Cores, 8 Threads
Identifier	GenuineIntel Family 6 Model 58 Stepping 9
Base Frequency	3.40 GHz
L1 Instruction Cache	32.0 KB x 4
L1 Data Cache	32.0 KB x 4
L2 Cache	256 KB x 4
L3 Cache	8.00 MB

Memory Information

Memory Information	
Size	16.0 GB
Type	DDR3
Clock Frequency	666 MHz

Single-Core Performance

Single-Core Score	180
Crypto Score	198
Integer Score	168
Floating Point Score	204
AES-XTS	198 345.2 MB/sec
Text Compression	223 1.13 MB/sec
Image Compression	140 6.63 Mpixels/sec
Navigation	231 650.3 KTE/sec
HTML5	139 163.4 KElements/sec
SQLite	158 49.4 Krows/sec
PDF Rendering	165 8.96 Mpixels/sec
Text Rendering	159 50.8 KB/sec
Clang	152 1.18 Klines/sec
Camera	173 2.01 images/sec
N-Body Physics	195 243.7 Kpairs/sec

Single-Core Score		180
Crypto Score		198
Integer Score		168
Floating Point Score		204
Rigid Body Physics		217 1344.5 FPS
Gaussian Blur		160 8.80 Mpixels/sec
Face Detection		181 1.39 images/sec
Horizon Detection		198 4.87 Mpixels/sec
Image Inpainting		374 18.4 Mpixels/sec
HDR		327 4.46 Mpixels/sec
Ray Tracing		196 157.5 Kpixels/sec
Structure from Motion		143 1.28 Kpixels/sec
Speech Recognition		224 7.18 Words/sec
Machine Learning		139 5.37 images/sec

Multi-Core Performance

Multi-Core Score		814
Crypto Score		851
Integer Score		775
Floating Point Score		891
AES-XTS		851 1.45 GB/sec

Multi-Core Score	814
Crypto Score	851
Integer Score	775
Floating Point Score	891
Text Compression	1110 5.61 MB/sec
Image Compression	838 39.7 Mpixels/sec
Navigation	1120 3.16 MTE/sec
HTML5	578 678.6 KElements/sec
SQLite	705 220.8 Krows/sec
PDF Rendering	735 39.9 Mpixels/sec
Text Rendering	716 228.1 KB/sec
Clang	668 5.20 Klines/sec
Camera	674 7.82 images/sec
N-Body Physics	832 1.04 Mpairs/sec
Rigid Body Physics	1129 6995.0 FPS
Gaussian Blur	689 37.9 Mpixels/sec
Face Detection	833 6.41 images/sec
Horizon Detection	899 22.2 Mpixels/sec
Image Inpainting	1440 70.7 Mpixels/sec

Multi-Core Score	814
Crypto Score	851
Integer Score	775
Floating Point Score	891
HDR	1445 19.7 Mpixels/sec
Ray Tracing	952 764.7 Kpixels/sec
Structure from Motion	597 5.35 Kpixels/sec
Speech Recognition	987 31.6 Words/sec
Machine Learning	495 19.1 images/sec