

iMac19,1

Geekbench 5 Score

1127	4411
Single-Core Score	Multi-Core Score
Geekbench 5.5.1 Tryout for macOS x86 (64-bit)	

Result Information

Upload Date	October 4th 2023, 3:12pm
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System Information

System Information	
Operating System	macOS 14.0 (Build 23A344)
Model	iMac (27-inch Retina Early 2019)
Model ID	iMac19,1
Motherboard	Acidanthera Mac-AA95B1DDAB278B95 iMac19,1
CPU Information	
Name	Intel Core i7-7700
Topology	1 Processor, 4 Cores, 8 Threads
Base Frequency	3.60 GHz
Cluster 1	4 Cores
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 x 1
Memory Information	
Memory	32.00 GB RAM

Single-Core Performance

Single-Core Score	1127
Crypto Score	1092
Integer Score	1060
Floating Point Score	1279
AES-XTS	1092 1.86 GB/sec
Text Compression	1105 5.59 MB/sec
Image Compression	1090 51.5 Mpixels/sec
Navigation	1018 2.87 MTE/sec
HTML5	986 1.16 MElements/sec
SQLite	1018 319.0 Krows/sec
PDF Rendering	1110 60.2 Mpixels/sec
Text Rendering	1047 333.5 KB/sec
Clang	1087 8.47 Klines/sec
Camera	1084 12.6 images/sec
N-Body Physics	1070 1.34 Mpairs/sec
Rigid Body Physics	1290 7992.8 FPS
Gaussian Blur	1012 55.6 Mpixels/sec
Face Detection	1109 8.54 images/sec
Horizon Detection	1067 26.3 Mpixels/sec
Image Inpainting	2100 103.0 Mpixels/sec
HDR	1990 27.1 Mpixels/sec
Ray Tracing	1446 1.16 Mpixels/sec
Structure from Motion	1057 9.47 Kpixels/sec
Speech Recognition	1163 37.2 Words/sec
Machine Learning	1217 47.0 images/sec

Multi-Core Performance

Multi-Core Score	4411
Crypto Score	4753
Integer Score	4193
Floating Point Score	4825
AES-XTS	4753 8.10 GB/sec
Text Compression	4850 24.5 MB/sec
Image Compression	5117 242.1 Mpixels/sec
Navigation	2976 8.39 MTE/sec
HTML5	3829 4.50 MElements/sec
SQLite	4206 1.32 Mrows/sec
PDF Rendering	4513 244.9 Mpixels/sec
Text Rendering	3641 1.13 MB/sec
Clang	4814 37.5 Klines/sec
Camera	4256 49.3 images/sec
N-Body Physics	4639 5.80 Mpairs/sec
Rigid Body Physics	6756 41853.1 FPS
Gaussian Blur	4218 231.9 Mpixels/sec
Face Detection	5001 38.5 images/sec
Horizon Detection	4809 118.5 Mpixels/sec
Image Inpainting	6616 324.6 Mpixels/sec
HDR	8204 111.8 Mpixels/sec
Ray Tracing	6955 5.58 Mpixels/sec
Structure from Motion	4358 39.0 Kpixels/sec
Speech Recognition	2784 89.0 Words/sec
Machine Learning	2267 87.6 images/sec

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