iMac (27-inch Retina Mid 2020)

Geekbench 5 Score

68388

OpenCL Score

Geekbench 5.5.1 Tryout for macOS x86 (64-bit)

Compare

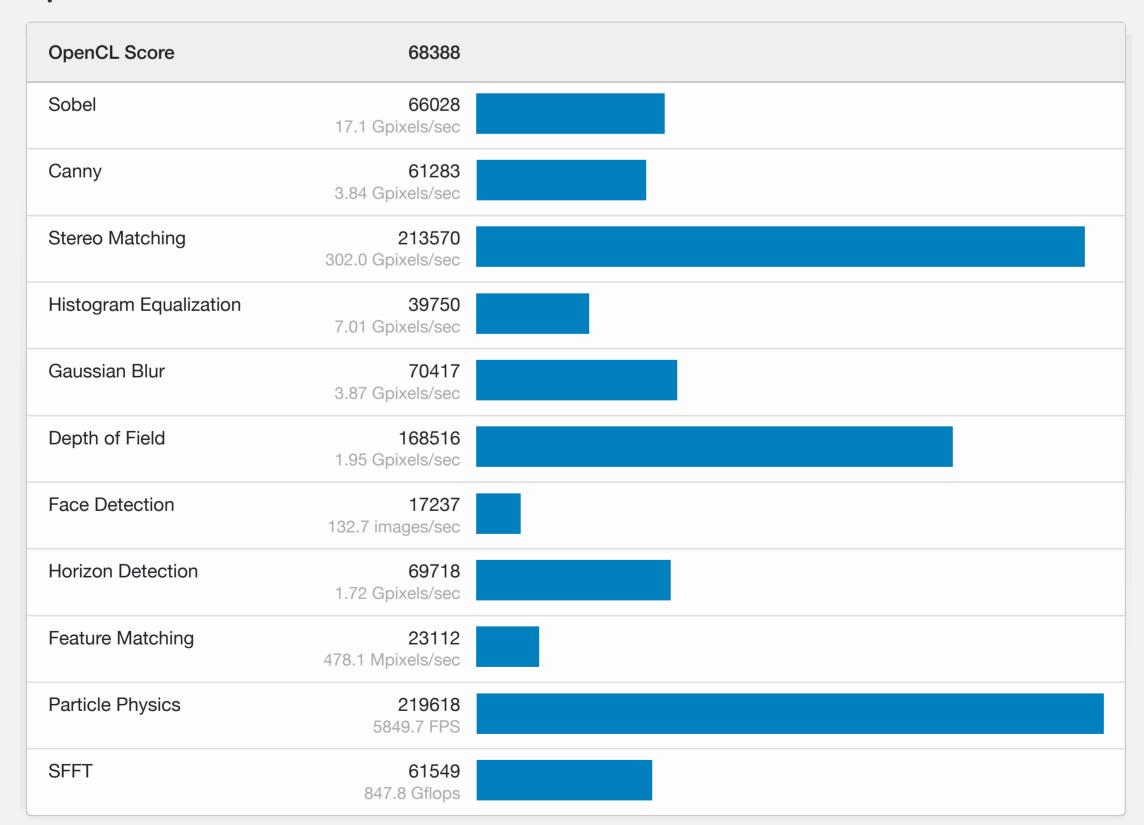[Set Baseline]

Geekbench 6
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Result Information

Upload Date	June 11th 2024, 2:58pm
Views	2

System Information

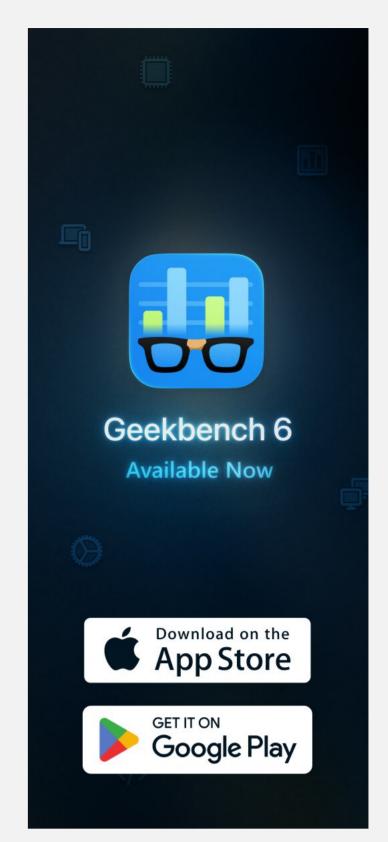| System Information	
Operating System	macOS 14.5 (Build 23F79)
Model	iMac (27-inch Retina Mid 2020)
Model ID	iMac20,1
Motherboard	Acidanthera Mac-CFF7D910A743CAAF iMac20,1
CPU Information	
Name	Intel Core i7-10700K
Topology	1 Processor, 8 Cores, 16 Threads
Base Frequency	3.80 GHz
Cluster 1	8 Cores
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	32.0 KB x 8
L2 Cache	256 KB x 8
L3 Cache	16.0 MB x 1
Memory Information	
Memory	64.00 GB RAM
OpenCL Information	
Platform Vendor	Apple
Platform Name	Apple
Device Vendor	AMD
Device Name	AMD Radeon Unknown Prototype Compute Engine
Compute Units	40
Maximum Frequency	2100 MHz
Device Memory	7.98 GB

OpenCL Performance

OpenCL Score	68388	
Sobel	66028 17.1 Gpixels/sec	
Canny	61283 3.84 Gpixels/sec	
Stereo Matching	213570 302.0 Gpixels/sec	
Histogram Equalization	39750 7.01 Gpixels/sec	
Gaussian Blur	70417 3.87 Gpixels/sec	
Depth of Field	168516 1.95 Gpixels/sec	
Face Detection	17237 132.7 images/sec	
Horizon Detection	69718 1.72 Gpixels/sec	
Feature Matching	23112 478.1 Mpixels/sec	
Particle Physics	219618 5849.7 FPS	
SFFT	61549 847.8 Gflops	

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