iMac20,2

48437

OpenCL Score

Geekbench 6.1.0 for macOS AVX2

Result Information

Upload Date	August 15 2023 08:23 PM
Views	2

System Information
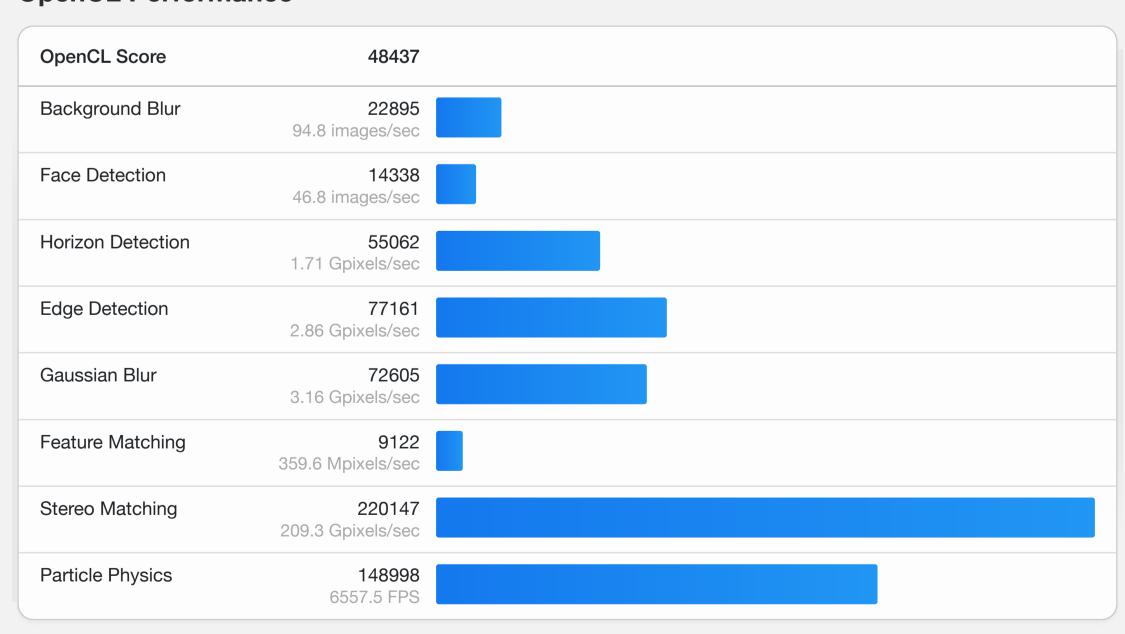
System Information

Operating System	macOS 13.5 (Build 22G74)
Model	iMac20,2
Model ID	iMac20,2
Motherboard	Acidanthera Mac-AF89B6D9451A490B iMac20,2

CPU Information

Name	Intel Core i9-10900K
Topology	1 Processor, 10 Cores, 20 Threads
Identifier	GenuineIntel Family 6 Model 165 Stepping 5
Base Frequency	3.70 GHz
Cluster 1	10 Cores
L1 Instruction Cache	32.0 KB x 10
L1 Data Cache	32.0 KB x 10
L2 Cache	256 KB x 10
L3 Cache	20.0 MB x 1

Memory Information

Size	32.00 GB
Transfer Rate	4133 MT/s
Type	DDR4

OpenCL Information

Platform Vendor	Apple
Platform Name	Apple
Device Vendor	AMD
Device Name	AMD Radeon RX 580 Compute Engine
Compute Units	36
Maximum Frequency	1380 MHz
Device Memory	8.00 GB

OpenCL Performance

OpenCL Score	48437	
Background Blur	22895	94.8 images/sec
Face Detection	14338	46.8 images/sec
Horizon Detection	55062	1.71 Gpixels/sec
Edge Detection	77161	2.86 Gpixels/sec
Gaussian Blur	72605	3.16 Gpixels/sec
Feature Matching	9122	359.6 Mpixels/sec
Stereo Matching	220147	209.3 Gpixels/sec
Particle Physics	148998	6557.5 FPS

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