# iMac20,1

## 3817
OpenCL Score

Geekbench 6.1.0 for macOS AVX2

## Result Information

| | |
|---|---|
| Upload Date | October 09 2023 09:33 PM |
| Views | 2 |

## System Information
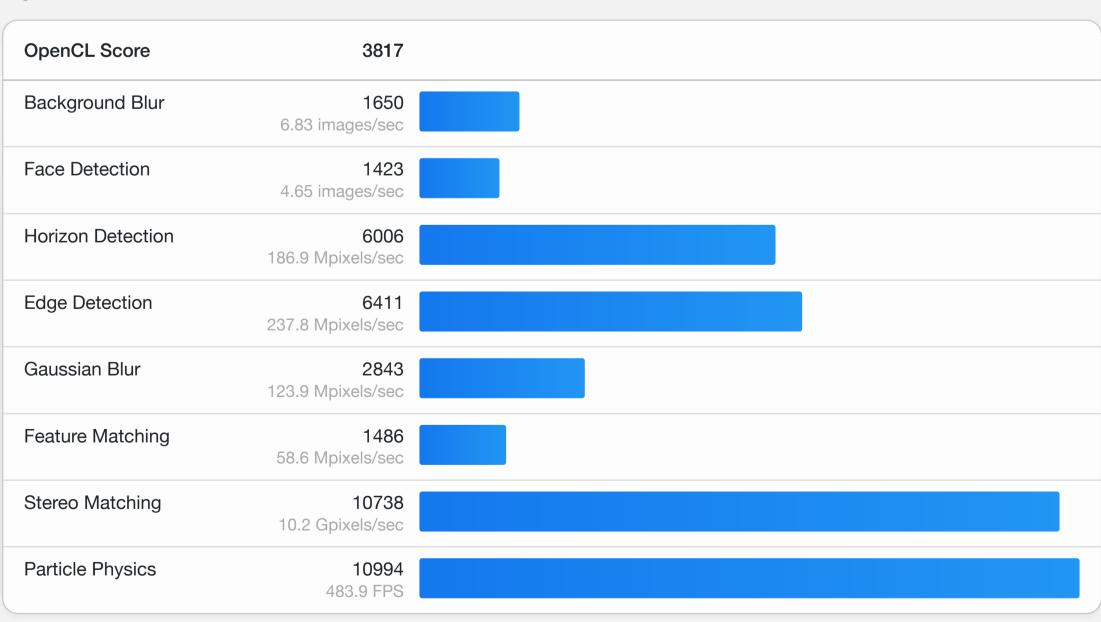
### System Information

| | |
|---|---|
| Operating System | macOS 14.0 (Build 23A344) |
| Model | iMac (27-inch Retina Mid 2020) |
| Model ID | iMac20,1 |
| Motherboard | Acidanthera Mac-CFF7D910A743CAAF iMac20,1 |

### CPU Information

| | |
|---|---|
| Name | Intel Core i3-10100 |
| Topology | 1 Processor, 4 Cores, 8 Threads |
| Identifier | GenuineIntel Family 6 Model 165 Stepping 3 |
| 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 | 6.00 MB x 1 |

### Memory Information

| | |
|---|---|
| Size | 8.00 GB |
| Transfer Rate | 2666 MT/s |
| Type | DDR4 |

### OpenCL Information

| | |
|---|---|
| Platform Vendor | Apple |
| Platform Name | Apple |
| Device Vendor | Intel Inc. |
| Device Name | Intel(R) UHD Graphics 630 |
| Compute Units | 23 |
| Maximum Frequency | 1100 MHz |
| Device Memory | 1.50 GB |

## OpenCL Performance

| OpenCL Score | 3817 | |
|---|---|---|
| Background Blur | 1650 | 6.83 images/sec |
| Face Detection | 1423 | 4.65 images/sec |
| Horizon Detection | 6006 | 186.9 Mpixels/sec |
| Edge Detection | 6411 | 237.8 Mpixels/sec |
| Gaussian Blur | 2843 | 123.9 Mpixels/sec |
| Feature Matching | 1486 | 58.6 Mpixels/sec |
| Stereo Matching | 10738 | 10.2 Gpixels/sec |
| Particle Physics | 10994 | 483.9 FPS |

**Geekbench**

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