Geekbench Browser

- Geekbench 5
 - <u>Top Single-Core Results Top Multi-Core Results Recent Results Search Results Recent Compute Results Search Compute Results</u>
- Geekbench 4
 - <u>Top Single-Core Results Top Multi-Core Results Recent Results Search Results Recent Compute Results Search Compute Results</u>
- Benchmark Charts
 - Android Benchmark Chart iOS Benchmark Chart Mac Benchmark Chart Processor Benchmark Chart
 - CUDA Benchmark Chart Metal Benchmark Chart OpenCL Benchmark Chart Vulkan Benchmark Chart

Search

Account
Sign Up Log In

Result uploaded successfully

Log into your Geekbench Browser account to manage this result.

Sign up Log in

iMac19,1

1181

Single-Core Score

7435

Multi-Core Score

Geekbench 5.2.0 Tryout for macOS x86 (64-bit)

Result Information

Upload Date June 22 2020 06:08 AM

Views 1

System Information

System Information

Operating System macOS 10.15.5 (Build 19F2200)

Model iMac19,1

Motherboard Acidanthera Mac-AA95B1DDAB278B95 iMac19,1

Processor Information

Name Intel Core i7–9700

Processor Information

Topology 1 Processor, 8 Cores

Identifier GenuineIntel Family 6 Model 158 Stepping 13

3.00 GHz Base Frequency

Package

Codename

L1 Instruction Cache 32.0 KB x 4 L1 Data Cache 32.0 KB x 4

L2 Cache 256 KB x 4 L3 Cache 12.0 MB x 1

Memory Information

Size 32.00 GB

Type RAM

Single-Core Performance

1181 Single-Core Score

Crypto Score 1253

Integer Score 1166

Floating Point Score 1202

1253 **AES-XTS**

2.14 GB/sec

1270

Text Compression 6.42 MB/sec

1200 Image Compression

56.8 Mpixels/sec

1157 Navigation

3.26 MTE/sec

1044

HTML5 1.23 MElements/sec

1117

SQLite 350.0 Krows/sec

1200

PDF Rendering 65.1 Mpixels/sec

1158 **Text Rendering**

368.8 KB/sec

1109

Clang 8.64 Klines/sec

1258 Camera

14.6 images/sec

1169

N-Body Physics 1.46 Mpairs/sec

Single-Core Score 1181 Crypto Score 1253 1166 Integer Score 1202 Floating Point Score

1432 Rigid Body Physics

8872.8 FPS

348

Gaussian Blur 19.1 Mpixels/sec

717

Face Detection 5.52 images/sec

1167 Horizon Detection

28.8 Mpixels/sec

2446

Image Inpainting 120.0 Mpixels/sec

2236

HDR 30.5 Mpixels/sec

1288

Ray Tracing 1.03 Mpixels/sec

1198 Structure from Motion

10.7 Kpixels/sec

1348 Speech Recognition

43.1 Words/sec

1360

Machine Learning

52.5 images/sec

Multi-Core Performance

Multi-Core Score 7435 5728 Crypto Score Integer Score 7163 Floating Point Score 8308

5728 **AES-XTS**

9.76 GB/sec

7261

Text Compression 36.7 MB/sec

8950 Image Compression

423.4 Mpixels/sec

3817 Navigation

10.8 MTE/sec

7896

HTML5 9.27 MElements/sec

8288 **SQLite**

2.60 Mrows/sec

Multi-Core Score 7435 Crypto Score 5728 Integer Score 7163 8308 Floating Point Score

7077 PDF Rendering

384.1 Mpixels/sec

6563

Text Rendering 2.04 MB/sec

8073

Clang 62.9 Klines/sec

8160

Camera

94.6 images/sec

7530 N-Body Physics

9.42 Mpairs/sec

11098 Rigid Body Physics

68755.0 FPS

8617 Gaussian Blur

473.7 Mpixels/sec

9806 **Face Detection**

75.5 images/sec

7779 Horizon Detection

191.7 Mpixels/sec

10866

Image Inpainting 533.1 Mpixels/sec

15269

HDR 208.1 Mpixels/sec

13511

Ray Tracing 10.8 Mpixels/sec

8541

Structure from Motion 76.5 Kpixels/sec

4123

Speech Recognition

131.8 Words/sec

3003

Machine Learning 116.0 images/sec

Compare

Set Baseline

Share

Tweet