



INTEL HM570

41072

OpenCL Score

Geekbench 6.1.0 for Windows AVX2

Valid

Result Information

Upload Date	December 22 2023 03:01 PM
Views	3

System Information

System Information	
Operating System	Microsoft Windows 11 Pro (64-bit)
Model	INTEL HM570
Motherboard	INTEL HM570
Power Plan	Ultimate Performance

CPU Information	
Name	Intel Core i7-11800H
Topology	1 Processor, 8 Cores, 16 Threads
Identifier	GenuineIntel Family 6 Model 141 Stepping 1
Base Frequency	2.30 GHz
Cluster 1	8 Cores
Maximum Frequency	13271 MHz
Package	Socket 1787 FCBGA
Codename	Tiger Lake
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	48.0 KB x 8
L2 Cache	1.25 MB x 8
L3 Cache	24.0 MB x 1

Memory Information	
Size	32.00 GB
Type	DDR4 SDRAM
Channels	2

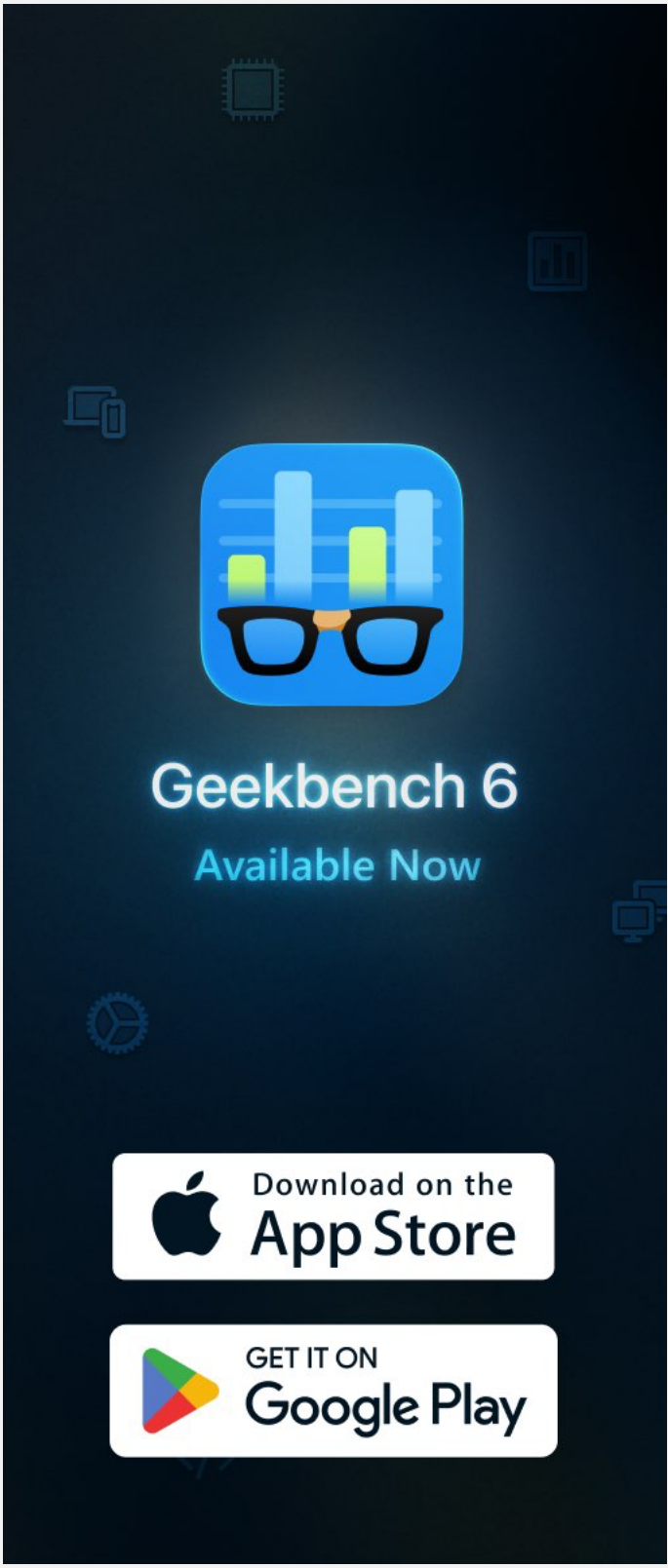
OpenCL Information	
Platform Vendor	Advanced Micro Devices, Inc.
Platform Name	AMD Accelerated Parallel Processing
Device Vendor	Advanced Micro Devices, Inc.
Device Name	Ellesmere
Board Name	Radeon RX 580 Series
Compute Units	36
Maximum Frequency	1380 MHz
Device Memory	8.00 GB

OpenCL Performance

OpenCL Score	41072	
Background Blur	14712 60.9 images/sec	<div></div>
Face Detection	10532 34.4 images/sec	<div></div>
Horizon Detection	51146 1.59 Gpixels/sec	<div></div>
Edge Detection	84548 3.14 Gpixels/sec	<div></div>
Gaussian Blur	67986 2.96 Gpixels/sec	<div></div>
Feature Matching	8469 333.9 Mpixels/sec	<div></div>
Stereo Matching	170355 161.9 Gpixels/sec	<div></div>
Particle Physics	123208 5422.5 FPS	<div></div>

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Set Baseline



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