

INTEL HM570

Geekbench 5 Score

47454

OpenCL Score

Geekbench 5.5.1 Tryout for Windows x86 (64-bit)

Valid

Result Information

Upload Date	December 22nd 2023, 11:59am
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
Base Frequency	2.30 GHz
Cluster 1	8 Cores
Maximum Frequency	13269 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	
Memory	32.00 GB DDR4 SDRAM 2128 MT/s
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	47454	
Sobel	59349 15.4 Gpixels/sec	<div></div>
Canny	38514 2.41 Gpixels/sec	<div></div>
Stereo Matching	123602 174.8 Gpixels/sec	<div></div>
Histogram Equalization	35479 6.26 Gpixels/sec	<div></div>
Gaussian Blur	51876 2.85 Gpixels/sec	<div></div>
Depth of Field	130595 1.51 Gpixels/sec	<div></div>
Face Detection	8776 67.6 images/sec	<div></div>
Horizon Detection	45615 1.12 Gpixels/sec	<div></div>
Feature Matching	13328 275.7 Mpixels/sec	<div></div>
Particle Physics	182607 4863.9 FPS	<div></div>
SFFT	41532 572.1 Gflops	<div></div>

Compare

Set Baseline

