

INTEL HM570

Geekbench 5 Score

1512	8879
Single-Core Score	Multi-Core Score
Geekbench 5.5.1 Tryout for Windows x86 (64-bit)	
Valid	

Result Information

Upload Date	January 2nd 2024, 9:42am
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	13120 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 2126 MT/s
Channels	2

Single-Core Performance

Single-Core Score	1512
Crypto Score	3544
Integer Score	1331
Floating Point Score	1567
AES-XTS	3544 6.04 GB/sec
Text Compression	1312 6.63 MB/sec
Image Compression	1547 73.2 Mpixels/sec
Navigation	1016 2.87 MTE/sec
HTML5	1346 1.58 MElements/sec
SQLite	1322 414.3 Krows/sec
PDF Rendering	1414 76.8 Mpixels/sec
Text Rendering	1389 442.6 KB/sec
Clang	1356 10.6 Klines/sec
Camera	1338 15.5 images/sec
N-Body Physics	1554 1.94 Mpairs/sec
Rigid Body Physics	1465 9078.1 FPS
Gaussian Blur	1200 65.9 Mpixels/sec
Face Detection	1426 11.0 images/sec
Horizon Detection	1156 28.5 Mpixels/sec
Image Inpainting	2578 126.5 Mpixels/sec
HDR	2662 36.3 Mpixels/sec
Ray Tracing	1911 1.53 Mpixels/sec
Structure from Motion	1279 11.5 Kpixels/sec
Speech Recognition	1473 47.1 Words/sec
Machine Learning	1256 48.5 images/sec

Multi-Core Performance

Multi-Core Score	8879
Crypto Score	5383
Integer Score	8799
Floating Point Score	9636
AES-XTS	5383 9.18 GB/sec
Text Compression	10381 52.5 MB/sec
Image Compression	13901 657.6 Mpixels/sec
Navigation	3356 9.46 MTE/sec
HTML5	9396 11.0 MElements/sec
SQLite	10324 3.23 Mrows/sec
PDF Rendering	9643 523.3 Mpixels/sec
Text Rendering	7053 2.19 MB/sec
Clang	11582 90.2 Klines/sec
Camera	8546 99.1 images/sec
N-Body Physics	12075 15.1 Mpairs/sec
Rigid Body Physics	14874 92153.1 FPS
Gaussian Blur	8959 492.5 Mpixels/sec
Face Detection	11752 90.5 images/sec
Horizon Detection	8251 203.4 Mpixels/sec
Image Inpainting	14050 689.3 Mpixels/sec
HDR	18559 252.9 Mpixels/sec
Ray Tracing	15842 12.7 Mpixels/sec
Structure from Motion	9768 87.5 Kpixels/sec
Speech Recognition	3857 123.3 Words/sec
Machine Learning	2740 105.9 images/sec

Compare

Set Baseline

