

# Intel Alder Lake-H PCH (ERYING G660 ITX)

## Geekbench 5 Score

1891	11107
Single-Core Score	Multi-Core Score
Geekbench 5.5.1 Tryout for Windows x86 (64-bit)	
Valid	

## Result Information

User	universo-hackintosh
Upload Date	July 26th 2023, 8:03pm
Views	4

## System Information

System Information	
Operating System	Microsoft Windows 11 Enterprise (64-bit)
Model	Intel Alder Lake-H PCH (ERYING G660 ITX)
Motherboard	Intel Alder Lake-H PCH (ERYING G660 ITX)
Power Plan	Ultimate Performance
CPU Information	
Name	Intel Core i9-12900HK
Topology	1 Processor, 14 Cores, 20 Threads
Base Frequency	2.89 GHz
Cluster 1	6 Cores
Cluster 2	8 Cores
Maximum Frequency	4888 MHz
Package	Socket 1744 FCBGA
Codename	Alder Lake
L1 Instruction Cache	64.0 KB x 10
L1 Data Cache	32.0 KB x 10
L2 Cache	2.00 MB x 2
L3 Cache	24.0 MB x 1
Memory Information	
Memory	64.00 GB DDR4 SDRAM 3192 MT/s
Channels	2

## Single-Core Performance

Single-Core Score	1891
Crypto Score	4389
Integer Score	1661
Floating Point Score	1974
AES-XTS	4389 7.48 GB/sec
Text Compression	1530 7.74 MB/sec
Image Compression	1879 88.9 Mpixels/sec
Navigation	1446 4.08 MTE/sec
HTML5	1708 2.01 MElements/sec
SQLite	1642 514.4 Krows/sec
PDF Rendering	1789 97.1 Mpixels/sec
Text Rendering	1726 549.9 KB/sec
Clang	1670 13.0 Klines/sec
Camera	1601 18.6 images/sec
N-Body Physics	1897 2.37 Mpairs/sec
Rigid Body Physics	1784 11051.7 FPS
Gaussian Blur	1753 96.3 Mpixels/sec
Face Detection	1983 15.3 images/sec
Horizon Detection	1596 39.3 Mpixels/sec
Image Inpainting	3258 159.8 Mpixels/sec
HDR	3254 44.3 Mpixels/sec
Ray Tracing	2519 2.02 Mpixels/sec
Structure from Motion	1504 13.5 Kpixels/sec
Speech Recognition	1685 53.9 Words/sec
Machine Learning	1393 53.8 images/sec

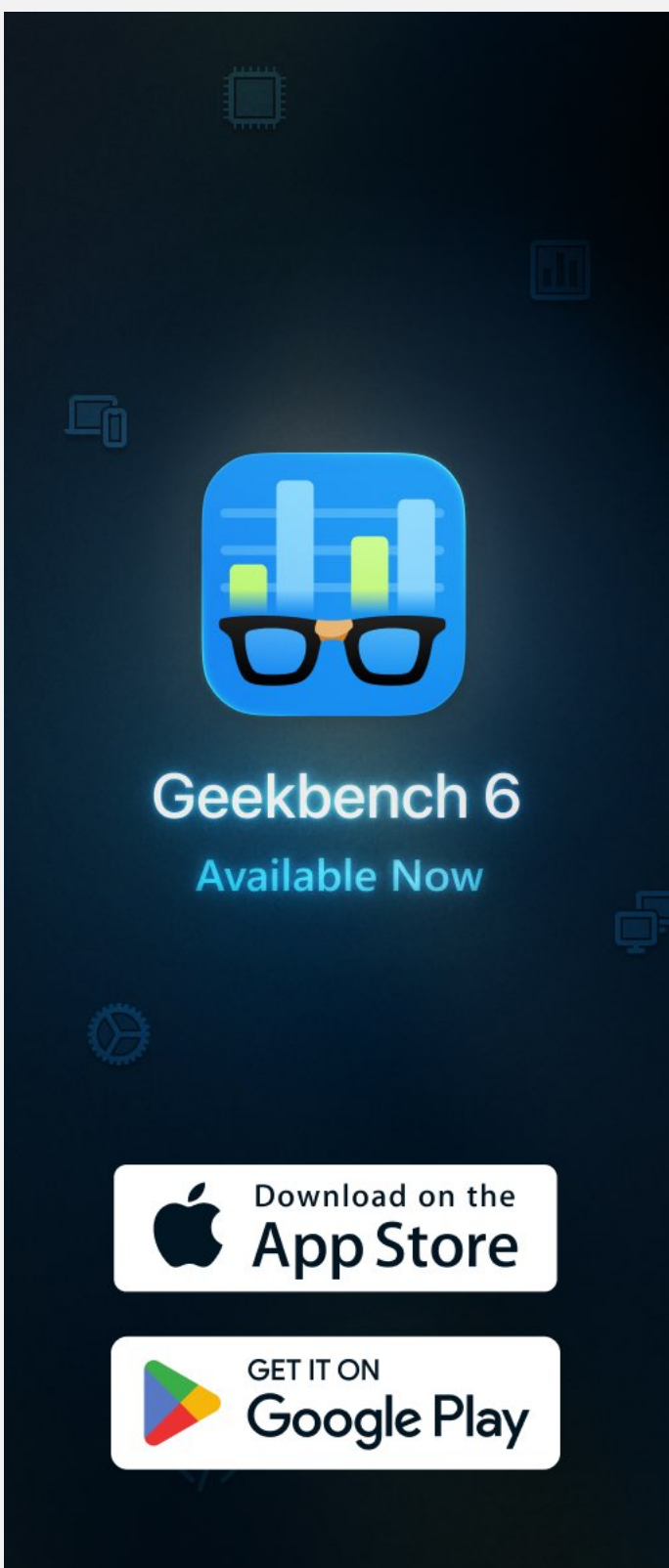
## Multi-Core Performance

Multi-Core Score	11107
Crypto Score	5642
Integer Score	11055
Floating Point Score	12132
AES-XTS	5642 9.62 GB/sec
Text Compression	9448 47.8 MB/sec
Image Compression	17128 810.3 Mpixels/sec
Navigation	3663 10.3 MTE/sec
HTML5	15506 18.2 MElements/sec
SQLite	16431 5.15 Mrows/sec
PDF Rendering	13379 726.1 Mpixels/sec
Text Rendering	6935 2.16 MB/sec
Clang	15988 124.6 Klines/sec
Camera	11008 127.6 images/sec
N-Body Physics	12999 16.3 Mpairs/sec
Rigid Body Physics	18568 115036.5 FPS
Gaussian Blur	13847 761.1 Mpixels/sec
Face Detection	18167 139.9 images/sec
Horizon Detection	9717 239.5 Mpixels/sec
Image Inpainting	15152 743.3 Mpixels/sec
HDR	22446 305.9 Mpixels/sec
Ray Tracing	23974 19.3 Mpixels/sec
Structure from Motion	12879 115.4 Kpixels/sec
Speech Recognition	4628 148.0 Words/sec
Machine Learning	2923 113.0 images/sec

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