

Gigabyte Technology Co., Ltd. H610M H DDR4

Geekbench 5 Score

| | |
|---|------------------|
| 1907 | 10965 |
| Single-Core Score | Multi-Core Score |
| Geekbench 5.5.1 Tryout for Windows x86 (64-bit) | |
| Valid | |

Result Information

| | |
|-------------|---------------------------|
| Upload Date | August 28th 2023, 11:31am |
| Views | 3 |

System Information

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|----------------------|--|
| System Information | |
| Operating System | Microsoft Windows 11 Pro (64-bit) |
| Model | Gigabyte Technology Co., Ltd. H610M H DDR4 |
| Motherboard | Gigabyte Technology Co., Ltd. H610M H DDR4 |
| Power Plan | Desempenho Mximo |
| CPU Information | |
| Name | Intel Core i5-12600K |
| Topology | 1 Processor, 10 Cores, 16 Threads |
| Base Frequency | 3.69 GHz |
| Cluster 1 | 6 Cores |
| Cluster 2 | 4 Cores |
| Maximum Frequency | 4888 MHz |
| Package | Socket 1700 LGA |
| Codename | Alder Lake |
| L1 Instruction Cache | 32.0 KB x 8 |
| L1 Data Cache | 48.0 KB x 8 |
| L2 Cache | 1.25 MB x 2 |
| L3 Cache | 20.0 MB x 1 |
| Memory Information | |
| Memory | 32.00 GB DDR4 SDRAM 3192 MT/s |
| Channels | 2 |

Single-Core Performance

| | |
|-----------------------|----------------------------|
| Single-Core Score | 1907 |
| Crypto Score | 4860 |
| Integer Score | 1648 |
| Floating Point Score | 1975 |
| AES-XTS | 4860 8.28 GB/sec |
| Text Compression | 1504 7.61 MB/sec |
| Image Compression | 1848 87.4 Mpixels/sec |
| Navigation | 1442 4.07 MTE/sec |
| HTML5 | 1709 2.01 MElements/sec |
| SQLite | 1647 516.0 Krows/sec |
| PDF Rendering | 1742 94.6 Mpixels/sec |
| Text Rendering | 1714 546.1 KB/sec |
| Clang | 1652 12.9 Klines/sec |
| Camera | 1615 18.7 images/sec |
| N-Body Physics | 1868 2.34 Mpairs/sec |
| Rigid Body Physics | 1773 10986.8 FPS |
| Gaussian Blur | 1780 97.8 Mpixels/sec |
| Face Detection | 1977 15.2 images/sec |
| Horizon Detection | 1538 37.9 Mpixels/sec |
| Image Inpainting | 3225 158.2 Mpixels/sec |
| HDR | 3268 44.5 Mpixels/sec |
| Ray Tracing | 2496 2.00 Mpixels/sec |
| Structure from Motion | 1560 14.0 Kpixels/sec |
| Speech Recognition | 1686 53.9 Words/sec |
| Machine Learning | 1436 55.5 images/sec |

Multi-Core Performance

| | |
|-----------------------|-----------------------------|
| Multi-Core Score | 10965 |
| Crypto Score | 7039 |
| Integer Score | 10632 |
| Floating Point Score | 12340 |
| AES-XTS | 7039 12.0 GB/sec |
| Text Compression | 9690 49.0 MB/sec |
| Image Compression | 15023 710.7 Mpixels/sec |
| Navigation | 4521 12.8 MTE/sec |
| HTML5 | 12700 14.9 MElements/sec |
| SQLite | 14077 4.41 Mrows/sec |
| PDF Rendering | 12551 681.1 Mpixels/sec |
| Text Rendering | 7915 2.46 MB/sec |
| Clang | 13634 106.2 Klines/sec |
| Camera | 10893 126.3 images/sec |
| N-Body Physics | 12908 16.1 Mpairs/sec |
| Rigid Body Physics | 15498 96014.2 FPS |
| Gaussian Blur | 12654 695.6 Mpixels/sec |
| Face Detection | 14802 114.0 images/sec |
| Horizon Detection | 10612 261.6 Mpixels/sec |
| Image Inpainting | 17598 863.3 Mpixels/sec |
| HDR | 23141 315.3 Mpixels/sec |
| Ray Tracing | 21678 17.4 Mpixels/sec |
| Structure from Motion | 11961 107.2 Kpixels/sec |
| Speech Recognition | 5991 191.5 Words/sec |
| Machine Learning | 4015 155.1 images/sec |

Compare

Set Baseline

