

ASUS System Product Name

Geekbench 5 Score

41894

OpenCL Score

Geekbench 5.5.1 Tryout for Windows x86 (64-bit)

Valid

Result Information

Upload Date	August 10th 2023, 4:24pm
Views	2

System Information

System Information	
Operating System	Microsoft Windows 11 Pro (64-bit)
Model	ASUS System Product Name
Motherboard	ASUSTeK COMPUTER INC. ROG STRIX Z490-I GAMING
Power Plan	Ultimate Performance
CPU Information	
Name	Intel Core i9-10900K
Topology	1 Processor, 10 Cores, 20 Threads
Base Frequency	3.70 GHz
Cluster 1	10 Cores
Maximum Frequency	5100 MHz
Package	Socket 1200 LGA
Codename	Comet Lake
L1 Instruction Cache	32.0 KB x 10
L1 Data Cache	32.0 KB x 10
L2 Cache	256 KB x 10
L3 Cache	20.0 MB x 1
Memory Information	
Memory	32.00 GB DDR4 SDRAM 4132 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	41894
Sobel	44270 11.5 Gpixels/sec
Canny	42077 2.63 Gpixels/sec
Stereo Matching	108184 153.0 Gpixels/sec
Histogram Equalization	30253 5.34 Gpixels/sec
Gaussian Blur	47156 2.59 Gpixels/sec
Depth of Field	98795 1.15 Gpixels/sec
Face Detection	8622 66.4 images/sec
Horizon Detection	41554 1.02 Gpixels/sec
Feature Matching	12257 253.6 Mpixels/sec
Particle Physics	154368 4111.7 FPS
SFFT	36235 499.1 Gflops

Compare

Set Baseline

Geekbench 6
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