ASUS System Product Name

39270

OpenCL Score

Geekbench 6.1.0 for Windows AVX2	Valid

Result Information

Upload Date	August 10 2023 07:33 PM
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
Identifier	GenuineIntel Family 6 Model 165 Stepping 5
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

Size	32.00 GB
Transfer Rate	4134 MT/s
Type	DDR4 SDRAM
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	39270
Background Blur	13929 — 57.6 images/sec
Face Detection	10347 — 33.8 images/sec
Horizon Detection	46492 — 1.45 Gpixels/sec
Edge Detection	78118 — 2.90 Gpixels/sec
Gaussian Blur	63711 — 2.78 Gpixels/sec
Feature Matching	8343 — 328.9 Mpixels/sec
Stereo Matching	164672 — 156.5 Gpixels/sec
Particle Physics	123454 — 5433.3 FPS

Compare

Set Baseline

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