



Intel® Arc™ A380 Product Guide V1.3

Contact: Caton Lai
February 2024

Graphics

A380

Configuration

Ray Tracing

Memory

8

Xe-Cores

8

Units

6GB

GDDR6

The complete package for everyday PC gamers and content creators, where the most advanced graphics technologies and exceptional multimedia experiences meets entry-level 1080p gaming



Competitive Product Stack up

Intel

AMD

NVIDIA

Intel® Arc™ A770

Intel® Arc™ A750

Intel® Arc™ A380

Intel® Arc™ A310

Iris Xe™ Graphics

RX 6600 Series

RX 6500XT

RX 6400

RX 550

RTX 3060 12GB

RTX 3060 8GB

GTX 1650

GTX 1630

GT 1030

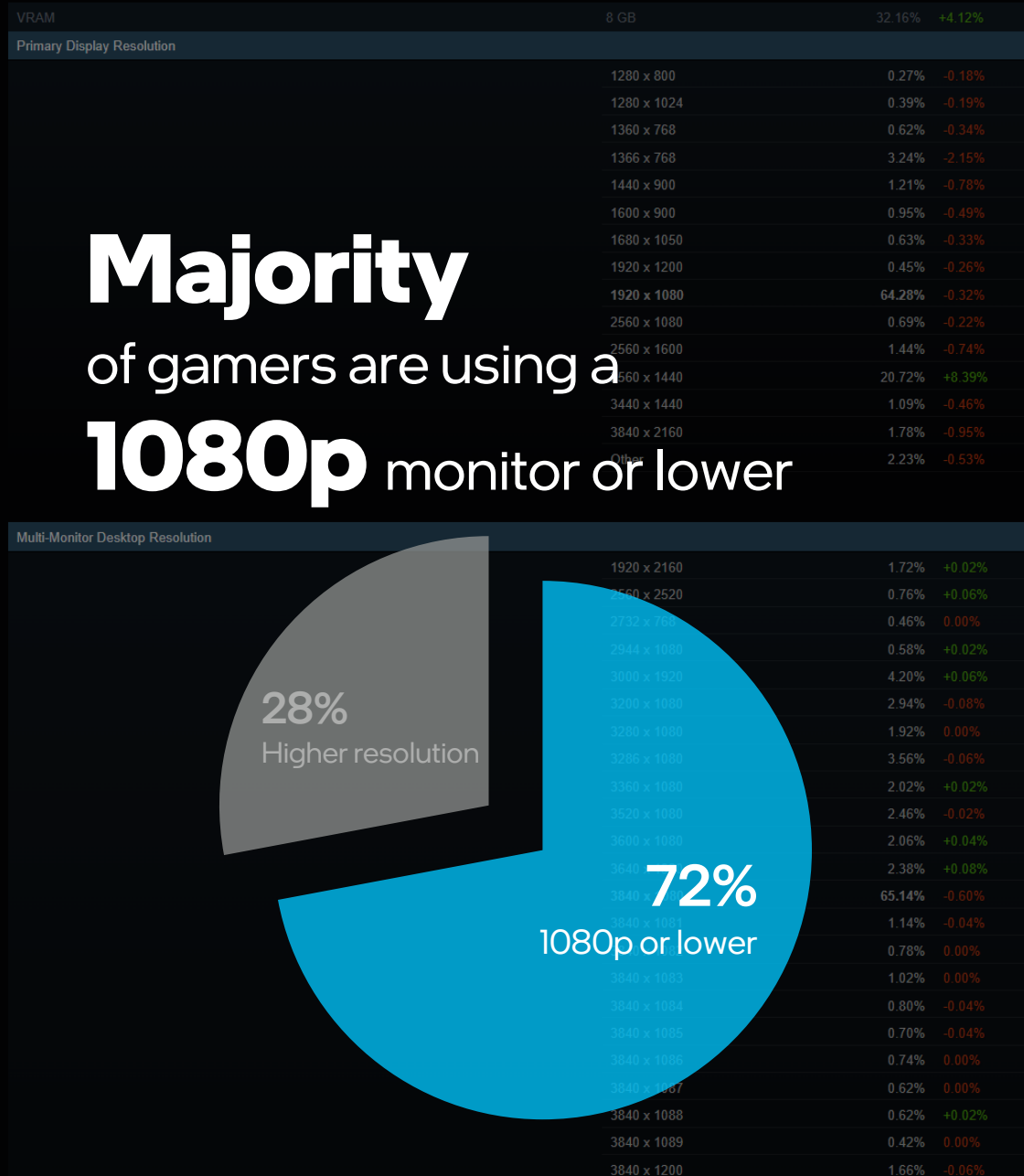
Steam Hardware & Software Survey: March 2023

Steam conducts a monthly survey to collect data about what kinds of computer hardware and software our customers are using. Participation in the survey is optional, and anonymous. The information gathered is incredibly helpful to us as we make decisions about what kinds of technology investments to make and products to offer.

17+ million people are gaming on **4+ years old** entry graphics that lack modern features and performance



Majority of gamers are using a **1080p** monitor or lower



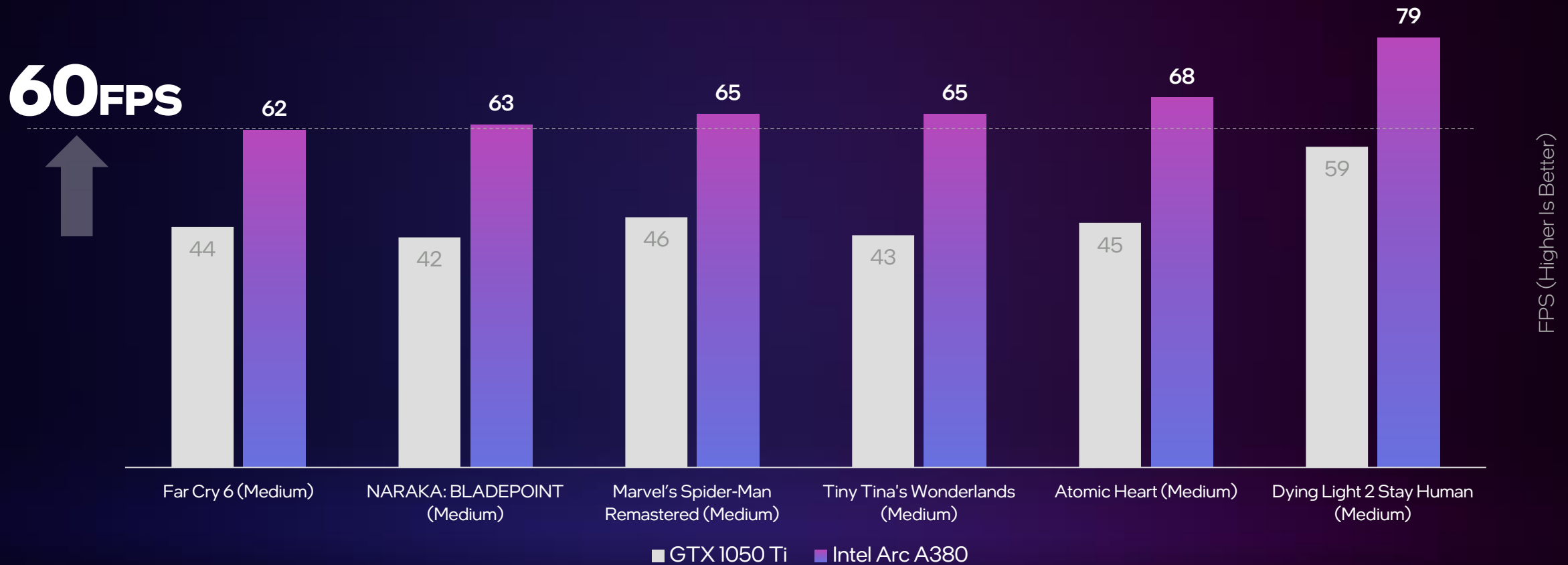
Source 1: March 2023 Steam Hardware Survey

Source 2: Newzoo Global Games Market Report January 2023 Update.pdf

It's Time To Upgrade

A Significant Upgrade For The Latest Games

Tested at 1080p Medium



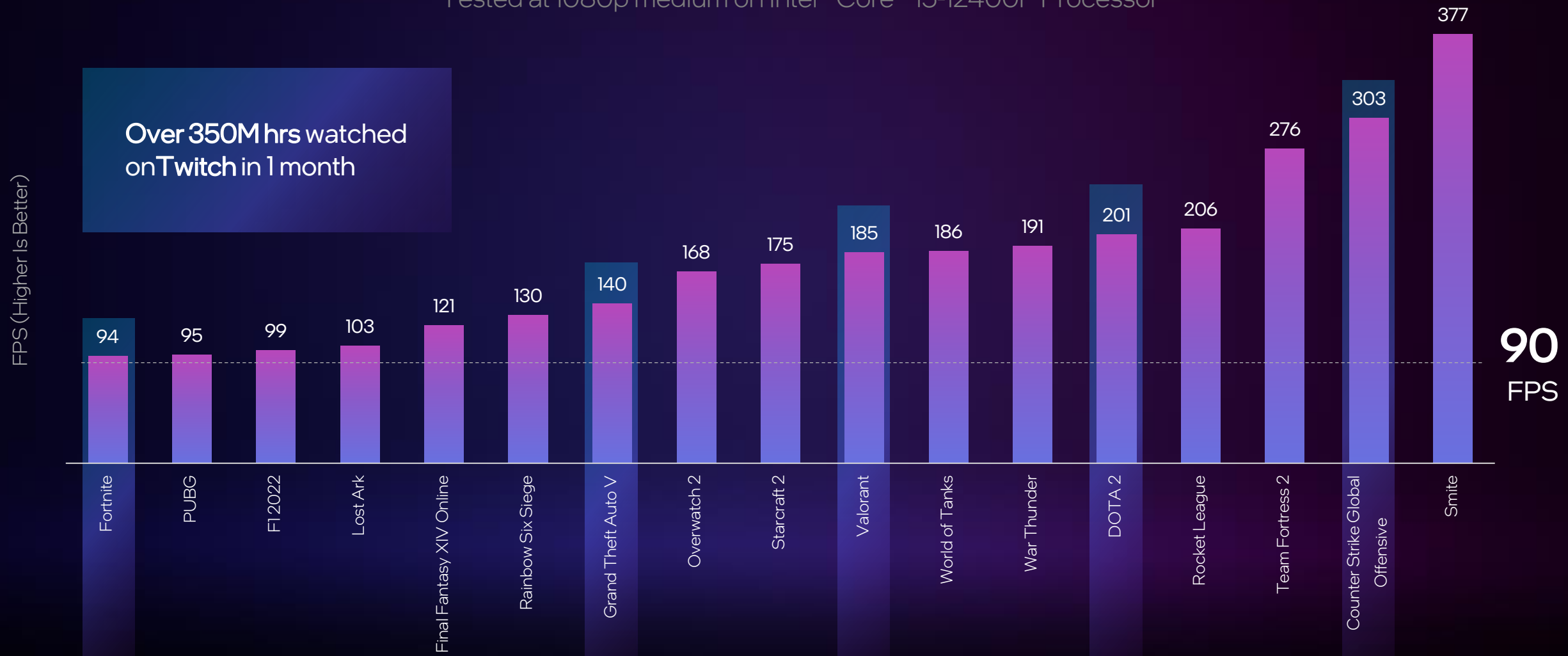
Intel® Arc™ A380

The GPU Choice with Modern Features

		Intel® Arc™ A380	NVIDIA GTX 1650	AMD RX 6400
COMPETITIVE POSITIONING	Performance	1080p 60 med	1080p 60 med	1080p 60 med
	MODERN FEATURES			
	Ray-Tracing Hardware (DirectX® 12 Ultimate)	Yes	No	Support for DX12 Ultimate but no dedicated HW
	Hardware-Accelerated AV1 Decode/Encode	Yes	No	No
	Hardware-Accelerated H.264 & H.265 Encode	Yes	Yes	No
	AI-acceleration hardware	Yes	No	No
	Media Encoder	Latest gen Xe Media Engine	Volta/Turing generation (from 2017/2018)	Video Core Next 3.0 (from 2020)
	Concurrent Encoding Sessions	Unrestricted	5	0 Encoding not supported
	CPU + iGPU + dGPU Synergies	Yes, Intel Deep Link	No	Yes
SPEEDS & FEEDS	Memory Size	6GB GDDR6	4GB GDDR5/6	4GB GDDR6
	Maximum Number of Displays	4	3-4	2
	DisplayPort Support	DisplayPort 2.0 Ready	DisplayPort 1.4a	DisplayPort 1.4a
	HDMI Support	Up to HDMI 2.1	HDMI 2.0b	Up to HDMI 2.1
	PCIe	Gen 4, 16 GB/s	Gen 3, 16 GB/s	Gen 4, 8 GB/s

Join over 430 Million monthly gamers with Intel Arc A380

Tested at 1080p medium on Intel® Core™ i5-12400F Processor



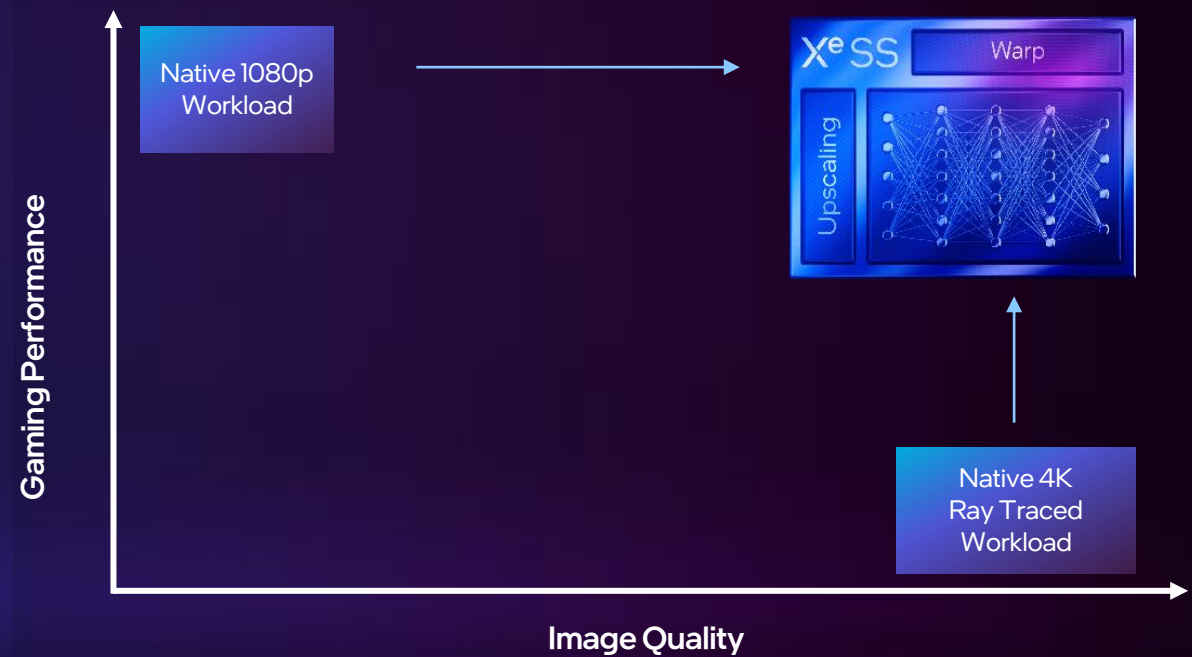
Performance varies by use, configuration and other factors See [backup](#) for workload and system configurations.

Intel Arc A380 Product Guide V1.3

Source 1: April data from <https://activeplayer.io/>
Source 2: Newzoo Top Game Rankings: <https://newzoo.com/resources/rankings/top-games-twitch>

Intel® Xe Super Sampling

Intel® XeSS harnesses dedicated AI processors on Intel® Arc™ GPUs to apply deep learning algorithms that intelligently boost performance and immersion.



Play Even More Games with XeSS on the Intel® Arc™ A380

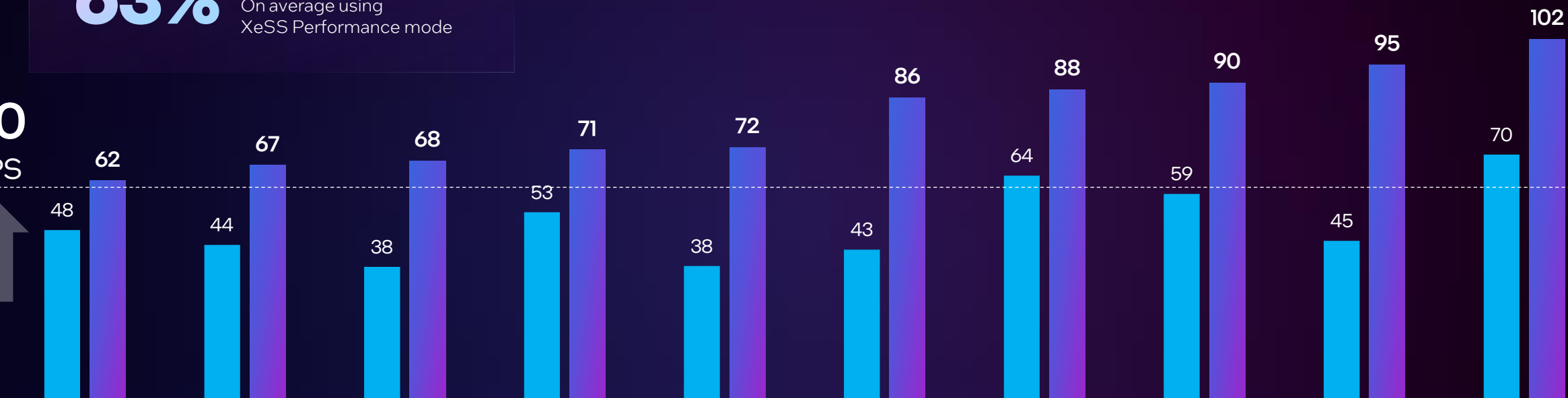
Tested at 1080p high on Intel® Core™ i5-12400F Processor

63%

Higher Framerate

On average using
XeSS Performance mode

60
FPS

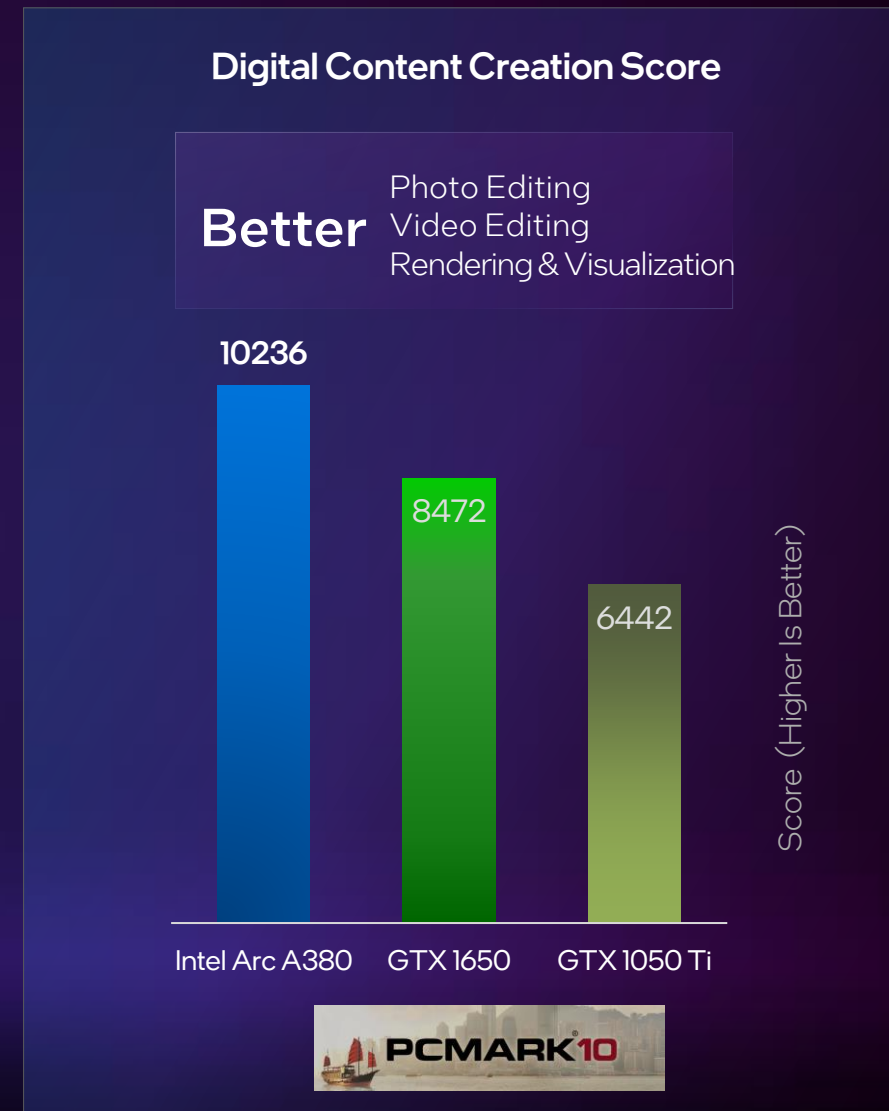


Game	Intel® Arc™ A380	Intel® Arc™ A380 with XeSS Performance
Call of Duty: Modern Warfare 2	48	62
Crime Boss	44	67
Hogwarts Legacy	38	68
Shadow of the Tomb Raider	53	71
Ghostwire Tokyo	38	72
Ni Shui Han Justice	43	86
Death Stranding DC	64	88
Ghostbusters: Spirits Unleashed	59	90
Chorus (Ray tracing ON)	45	95
Hitman 3	70	102

Intel® Arc™ A380

Intel® Arc™ A380
with XeSS Performance

Get Equipped for Everyday Productivity Essentials



Leading Next-Gen and Media Capabilities

	Intel® Arc™ A380	AMD RX 6400	GTX 1650
AVI	Full support	Limited and partial support	
Decode	Yes	No	No
Encode	Yes	No	No
VP9			
Decode	Yes	Yes	Yes
Encode	Yes	No	No
HEVC/H.265			
Decode	Yes	Yes	Yes
Encode	Yes	No	No B-Frame and 4:2:2 support
AVC/H.264			
Decode	Yes	Yes	Yes
Encode	Yes	No	Yes
JPEG			
Decode	Yes	No	Limited
Encode	Yes	No	No

Maximize Everyday Productivity with Support for up to 4 displays

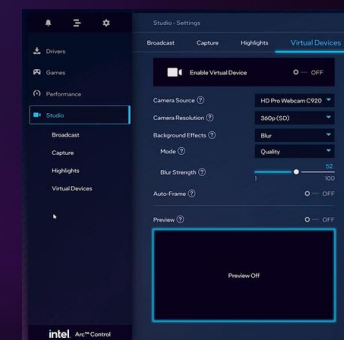


Creator Studio

All-in-one software suite packed with creator features built into Arc Control Software:

Green Screen - Background Blur - Auto-camera Framing

Bring your best for your stream viewers or call into meetings with confidence, no matter what's going on around you.



Winning

Media Processing Performance

Cyberlink Power Director Video Transcoding – Hardware Acceleration

Time to complete in seconds – lower is better

Converting a 4K60 file from 80Mbps to 40 Mbps, AVC -> HEVC

Intel Arc A380

91 seconds

AMD RX 6600

165 seconds

NVIDIA GTX 1650

291 seconds

3.2x faster

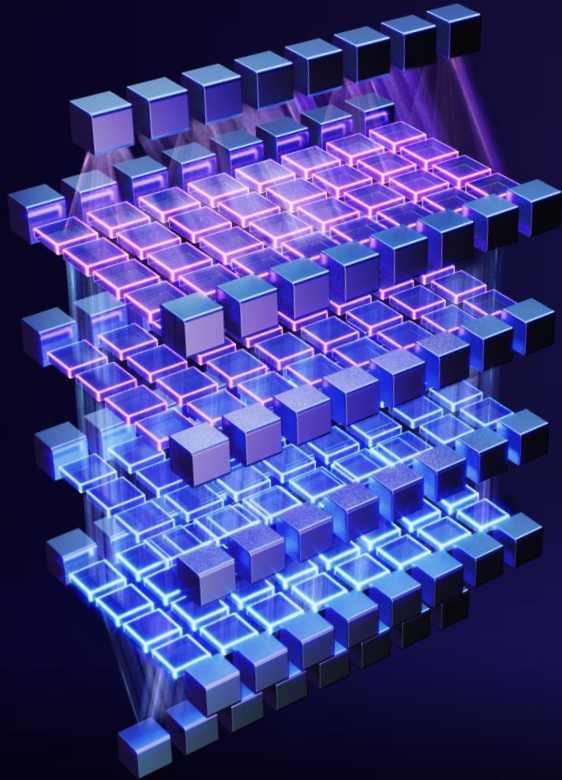
than NVIDIA GTX 1650

AMD Radeon 6400, 6500, and 6500 XT have no encoding cores.





Superior AI Video Editing Performance



DaVinci Resolve(18.6.4 Build 6) – Lens Blur
Completion Rate measured in FPS– higher is better



34% faster

than AMD RX 6400
in video transcoding

21% faster

than NVIDIA GTX 1650
in video transcoding

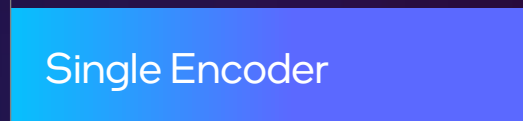
Unlock faster productivity

Dual Encoding Capabilities



Video Export using Premiere Pro Version 24.1.0 (Build 85)
10b 4K/25 AVC @250Mbps -> 4K/25 HEVC @100Mbps
Relative Completion Rate measured in FPS

Intel Arc A380
MSRP \$139.99



1.31x Faster
vs Single Encoder

Intel Arc A380
MSRP \$139.99



NVIDIA RTX 4090
MSRP \$1599.99



1.11x Faster
vs RTX 4090

With dual encode enabled, the **Intel Arc A380 is faster** than the **top end NVIDIA GPU** for encoding tasks, at approximately **10% of the cost!**

Performance varies by use, configuration and other factors See [backup](#) for workload and system configurations. Sources for pricing:
<https://www.intel.com/content/www/us/en/newsroom/article/intel-arc-a380-graphics-available-china.html#gs.43dy0d>

<https://nvidianews.nvidia.com/news/nvidia-delivers-quantum-leap-in-performance-introduces-new-era-of-neural-rendering-with-geforce-rtx-40-series>

<https://videocardz.com/newz/intel-arc-a380-desktop-gpus-are-now-officially-available-in-the-us#:~:text=Intel%20Arc%20A380%20launches%20at%20139.99%20USD.>

Did you know
80%
of the world's internet traffic
is **video content?**

Why AV1?

Smaller file size for
easier storage

Better quality per
bitrate

Better performance
in bandwidth limited
scenarios

Backed by major industry players

Source: https://www.cisco.com/c/dam/m/en_us/solutions/service-provider/vni-forecast-highlights/pdf/Global_Device_Growth_Traffic_Profiles.pdf



Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.



Industry First Full AV1 Hardware Acceleration

With Intel® Arc™ Graphics

Many Apps Available Today With Intel Arc AV1 Support

	 OBS Studio	 YouTube	 XSplit	STREAM	
CREATE	 FFMPEG	 HandBrake	 Adobe Premiere Pro	 DaVinci Resolve Studio	 filmora Wondershare Filmora
	 哔哩哔哩	 爱奇艺	CONSUME		

AV1 Game Streaming with Intel® Arc™

AV1 delivers **much better visual quality and details** at the same bitrate allowing streamers to save on bandwidth or stream in higher quality



GTX 1650
AVC



Intel Arc A380
AV1

Streaming at 5 Mbps

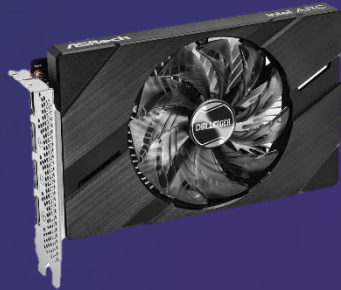
AV1 Game Streaming with Intel® Arc™

AV1 delivers **much better visual quality and details** at the same bitrate allowing streamers to save on bandwidth or stream in higher quality



"Intel Arc graphics cards are a great entry point for AV1 video, with the A750 and A380 offering AV1 encoding at lower price point than any other GPU vendor.... The A380 is perfect for your dedicated streaming rig, media server or as a secondary encoding card - if you want to add that into a bigger gaming PC. It's low cost, has lower power draw, and a slim design. "

Intel Arc A380 Cards



ASRock A380
Challenger ITX



Sparkle A380
Elf



Gunnir A380
Photon

Finished System Designs and SI Partners



Acer
Aspire
TC-1760



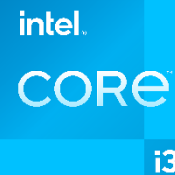
Acer
Nitro
N50



Asus
S501MD



HP
Victus



Full Desktops
Starting at **\$599**

Supercharged Graphics Performance

for modern gaming and everyday computing



Smooth 1080p Gaming at over 60 FPS

More Performance with XeSS

A major upgrade

Better Productivity & Digital Content Creation

Advanced Media Encoder

Full AV1 Support

Modern Features

XeSS

DirectX
XII
ULTIMATE

XMV
AI Acceleration

Xe
Media Engine

PCI
EXPRESS
4.0

Notices & Disclaimers

Performance varies by use, configuration and other factors. Learn more at www.intel.com/PerformanceIndex (graphics and accelerators).

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. No product or component can be absolutely secure.

Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

Intel technologies may require enabled hardware, software or service activation.

All product plans and roadmaps are subject to change without notice.

Statements that refer to future plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intc.com.

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Appendix

Workloads and Configurations: It's Time To Upgrade –GTX 1050 Ti vs Arc A380

CLAIM

Intel® Arc™ A380 delivers over 60 FPS gaming experience at 1080p medium compared to the GTX 1050 Ti that cannot reach 60 FPS in many recent and popular titles.

Intel® Arc™ A380 delivers 48% more performance compared to the GTX 1050 Ti in many recent and popular titles.

SYSTEM CONFIGURATION

Intel GPU SKU: ASRock Arc A380 Challenger ITX
Intel GFX Driver: Intel® Graphics Driver 31.0.101.4257

NVIDIA GPU SKU: GIGABYTE Windforce GeForce GTX 1050 Ti OC 4G

NVIDIA GFX Driver: GeForce Game Ready Driver 31.0.15.3141

Motherboard: Asus ROG MAXIMUS Z790 Hero

CPU: Intel® Core i5-12400F

Memory: 32GB (2x16GB) DDR5 4800MHz

Memory SKU: Corsair CMT32GX5M2B5600C36

M.2 SSD: Corsair MP600 Pro XT 4TB/8TB NVMe

Power Supply: Corsair RMx Series RM850x

OS: Win 11 Pro

OS Version: v22H2, Build: 22621.1413

Power Policy: Balanced

Core Isolation: Disabled

MEASUREMENT

All FPS (frames per second) scores are either measured with PresentMon or in-game benchmark. All gameplay has a documented workload running the same replay or game scenario across all configurations and test runs.

Game workloads that support this claim are:

- Call of Duty: Modern Warfare 2 (High, XeSS ON) –Arc A380: 62.22 FPS –GTX 1050Ti: 40.35 FPS
- Far Cry 6 (Medium) –Arc A380: 62 FPS –GTX 1050Ti: 44.26 FPS
- NARAKA: BLADEPOINT (Medium) –Arc A380: 63 FPS – GTX 1050Ti: 42.32 FPS
- Marvel's Spider-Man Remastered (Medium) –Arc A380: 65 FPS –GTX 1050Ti: 46 FPS
- Tiny Tina's Wonderlands (Medium) –Arc A380: 65 FPS – GTX 1050Ti: 42.72 FPS
- Crime Boss (High, XeSS ON) –Arc A380: 66.59 FPS –GTX 1050Ti: 41.33 FPS
- Atomic Heart (Medium) –Arc A380: 68 FPS –GTX 1050Ti: 45 FPS
- Ghostwire: Tokyo (High, XeSS On) –Arc A380: 71.69 FPS – GTX 1050Ti: 45.49 FPS
- Dying Light 2 Stay Human (Medium) –Arc A380: 79 FPS – GTX 1050Ti: 59 FPS

All games tested at 1080p resolution at medium settings.
Average of uplift: **48%**

MEASUREMENT PERIOD

April 2023



Workloads and Configurations: Over 90 FPS Gaming on Arc A380

CLAIM

Intel® Arc™ A380 delivers over 90 FPS in a large range of games at 1080p medium.



SYSTEM CONFIGURATION

GPU SKU: ASRock Arc A380 Challenger ITX
Intel GFX Driver: Intel® Graphics Driver 31.0.101.4257
Motherboard: Asus ROG MAXIMUS Z790 Hero
CPU: Intel® Core i5-12400F
Memory: 32GB (2x16GB) DDR5 4800MHz
Memory SKU: Corsair CMT32GX5M2B5600C36
M.2 SSD: Corsair MP600 Pro XT 4TB/8TB NVMe
Power Supply: Corsair RMx Series RM850x
OS: Win 11 Pro
OS Version: v22H2, Build: 22621.1413
Power Policy: Balanced
Core Isolation: Disabled

MEASUREMENT

All FPS (frames per second) scores are either measured with PresentMon or in-game benchmark. All gameplay has a documented workload running the same replay or game scenario across all configurations and test runs.

Game workloads that support this claim are:

- Fortnite -94 FPS
- PUBG -95 FPS
- F1 2022 -99 FPS
- Lost Ark -103 FPS
- Final Fantasy XIV Online -121 FPS
- Rainbow Six Siege -130 FPS
- Grand Theft Auto V -140 FPS
- Overwatch 2 -168 FPS
- Starcraft 2 -175 FPS
- Valorant -185 FPS
- World of Tanks -186
- War Thunder -191 FPS
- DOTA 2 -201 FPS
- Rocket League -206 FPS
- Team Fortress 2 -276 FPS
- Counter Strike Global Offensive -303 FPS
- Smite -377 FPS

All games tested at 1080p resolution with at medium settings.

MEASUREMENT PERIOD

April 2023

Workloads and Configurations: A380 XeSS Performance

CLAIM	SYSTEM CONFIGURATION	MEASUREMENT	MEASUREMENT PERIOD
<p>XeSS performance mode delivers a significant boost in gaming framerate when tested on Intel® Arc™ A380 Graphics</p> <p>XeSS performance mode delivers a 63% boost in gaming framerate when tested on Intel® Arc™ A380 Graphics</p>	<p>GPU SKU: ASRock Arc A380 Challenger ITX Intel GFX Driver: Intel® Graphics Driver 31.0.101.4257 Motherboard: Asus ROG MAXIMUS Z790 Hero CPU: Intel® Core i5-12400F Memory: 32GB (2x16GB) DDR5 4800MHz Memory SKU: Corsair CMT32GX5M2B5600C36 M.2 SSD: Corsair MP600 Pro XT 4TB/8TB NVMe Power Supply: Corsair RMx Series RM850x OS: Win 11 Pro OS Version: v22H2, Build: 22621.1413 Power Policy: Balanced Core Isolation: Disabled</p>	<p>All games run at 1080p high resolution and FPS was measured.</p> <ul style="list-style-type: none"> • Call of Duty: Modern Warfare 2 -Native: 48.21, XeSS Performance: 62.22 • Crime Boss –Native: 44.02, XeSS Performance: 66.59 • Hogwarts Legacy –Native: 37.79, XeSS Performance: 67.79 • Shadow of the Tomb Raider –Native: 53.28, XeSS Performance: 70.97 • Ghostwire Tokyo –Native: 38.03, XeSS Performance: 71.69 • Ni Shui Han Justice –Native: 42.69, XeSS Performance: 85.82 • Death Stranding DC –Native: 63.66, XeSS Performance: 88.05 • Ghostbusters: Spirits Unleashed –Native: 58.5, XeSS Performance: 89.93 • Chorus (Ray tracing ON) –Native: 45.14, XeSS Performance: 95.5 • Hitman 3 –Native: 69.64, XeSS Performance: 102.41 <p>Average of the uplift: 63%</p>	<p>April 5-28 2023</p>



Workloads and Configurations: PCMark 10 Essentials and Digital Content Creation

CLAIM

Intel Arc A380 and A310 perform better than both the GTX 1650 and GTX 1050 Ti in PCMark 10 Essentials and Digital Content Creation tests.

SYSTEM CONFIGURATION

Motherboard: Asus ROG MAXIMUS Z790 Hero
CPU: Intel® Core i5-12400F
Memory: 32GB (2x16GB) DDR5 4800MHz
Memory SKU: Corsair CMT32GX5M2B5600C36
Intel GPU #1: ASRock Arc A380 Challenger ITX
Intel GPU #2: GUNNIR Arc A310
Intel GFX Driver: Intel® Graphics Driver 31.0.101.4335
NVIDIA GPU #1: ASUS TUF Gaming GeForce GTX 1650 4GB GDDR6
NVIDIA GPU #2: GIGABYTE Windforce GeForce GTX 1050 Ti OC 4G
NVIDIA GFX Driver: GeForce Game Ready Driver 31.0.15.3141
M.2 SSD: Corsair MP600 Pro XT 4TB/8TB NVMe
Power Supply: Corsair RMx Series RM850x
OS: Win 11 Pro
OS Version: v22H2, Build: 22621.1413
Power Policy: Balanced
Core Isolation: Disabled

MEASUREMENT

All apps run 3 times and median of 3 runs was taken. The result is output as a score, where a higher score equates to better performance.

PCMark 10 Essentials

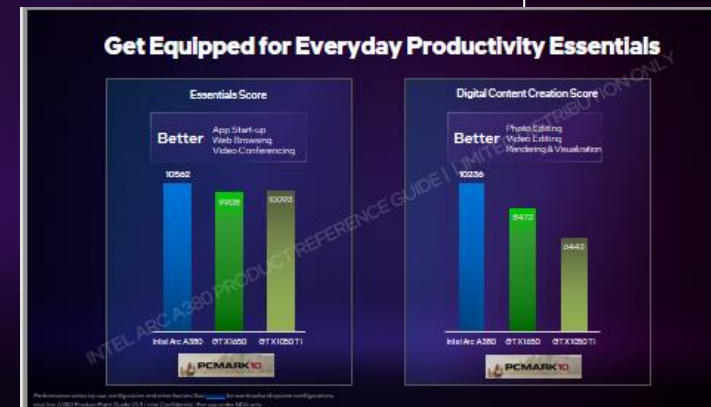
- Intel Arc A380: 10562
- Intel Arc A310: 10230
- GTX 1650: 9908
- GTX 1050 Ti: 10093

PCMark 10 Digital Content Creation

- Intel Arc A380: 10236
- Intel Arc A310: 9554
- GTX 1650: 8472
- GTX 1050 Ti: 6442

MEASUREMENT PERIOD

April 18 - 28 2023



Workloads and Configurations: Media Processing Performance

CLAIM

Intel® Arc™ A380 delivers 3.2x faster transcoding in Cyberlink Power director compared to NVIDIA GTX 1650, and 1.81x faster compared to the Radeon RX 6600

SYSTEM CONFIGURATION

Intel® Arc™ A380 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0703 x64)
Ram: 32GB (2x16GB) DDR5 4800MHz
OS: Windows 11 Pro Version 22H2, 222621.1105
Discrete Graphics: Intel® Arc™ A380
Graphics Driver: 31.0.101.4032
Storage: Corsair MP600 Pro XT 4TB NVMe

AMD Radeon RX 6600 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0703 x64)
Ram: 32GB (2x16GB) DDR5 4800MHz
OS: Windows 11 Pro Version 22H2, 222621.1105
Discrete Graphics: XFX SPEEDSTER SWFT210 Radeon RX 6600 8GB, RX-66XL8LFDQ
Graphics Driver: 31.0.12029.10015
Storage: Corsair MP600 Pro XT 4TB NVMe

NVIDIA GeForce GTX 1650 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0703 x64)
Ram: 32GB (2x16GB) DDR5 4800MHz
OS: Windows 11 Pro Version 22H2, 222621.1105
Discrete Graphics: TUF-GTX1650-O4GD6-P-GAMING
Graphics Driver: 31.0.15.2802
Storage: Corsair MP600 Pro XT 4TB NVMe

MEASUREMENT

Cyberlink Power Director was used to measure the encoding speed of a 4K60 80Mbps -> 40Mbps AVC -> HEVC. The comparison for the claim is using a system with an Intel Arc A380 GPU installed vs the same desktop configuration with a GTX 1650, or RX 6600 installed.

Intel Arc A380 completed in 91 seconds
GeForce GTX 1650 completed in 291 seconds
Radeon RX 6600 completed in 165 seconds

MEASUREMENT PERIOD

Jan 17 2023



Workloads and Configurations – XMV AI Video Editing

CLAIM

Intel® Arc™ A380 utilizes built in XMV engines to complete AI tasks faster. In DaVinci Resolve(18.6.4 Build 6) using the Lens Blur tool, the Intel® Arc™ A380 is able to generate images 21% faster than an NVIDIA GTX 1650, and 34% faster than an AMD Radeon RX 6400

SYSTEM CONFIGURATION

Intel® Arc™ A380 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0813 x64)
Ram: 32GB (2x16GB) DDR5 5600MHz
OS: Windows 11 Pro Version 10.0.22631.2861
Discrete Graphics: Intel Arc A380
Graphics Driver: 31.0.101.5180 / 5122 / 5085
Storage: Corsair MP600 Pro XT 4TB NVMe

AMD Radeon RX 6400 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0813 x64)
Ram: 32GB (2x16GB) DDR5 5600MHz
OS: Windows 11 Pro Version 10.0.22631.2861
Discrete Graphics: AMD Radeon RX 6400
Graphics Driver: 31.0.23013.1023
Storage: Corsair MP600 Pro XT 4TB NVMe

NVIDIA GeForce GTX 1650 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0813 x64)
Ram: 32GB (2x16GB) DDR5 5600MHz
OS: Windows 11 Pro Version 10.0.22631.2861
Discrete Graphics: GeForce GTX 1650
Graphics Driver: 31.0.15.4633
Storage: Corsair MP600 Pro XT 4TB NVMe

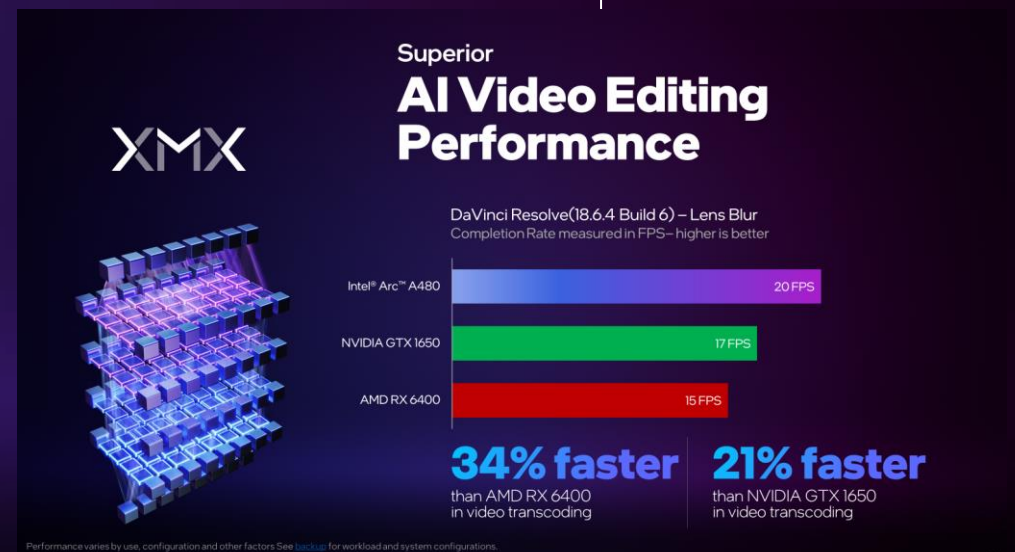
MEASUREMENT

XMV performance tested on DaVinci Resolve(18.6.4 Build 6) AI Test Suite v2.5 using the Lens Blur tool. Rate to completion measured in FPS are as follows:

A380 6GB – 20.42 FPS
GTX 1650 – 16.88 FPS
RX 6400 – 15.26 FPS

MEASUREMENT PERIOD

January 19 2024



Workloads and Configurations – Dual Encoding

CLAIM

With dual encoders enabled, the Intel® Arc™ A380 is able to export videos 10% faster than an NVIDIA GeForce RTX 4090 which costs 10x as much.

With dual encoders enabled, the Intel® Arc™ A380 is able to export videos 31% faster than just using the single encoder

SYSTEM CONFIGURATION

Intel® Arc™ A380 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0813 x64)
Ram: 32GB (2x16GB) DDR5 5600MHz
OS: Windows 11 Pro Version 10.0.22631.2861
Discrete Graphics: Intel Arc A380
Graphics Driver: 31.0.101.5180 / 5122 / 5085
Storage: Corsair MP600 Pro XT 4TB NVMe

NVIDIA GeForce RTX 4090 configuration:

Processor: Intel® Core™ i9-13900K
Motherboard: Asus ROG MAXIMUS Z790 Hero (BIOS: 0813 x64)
Ram: 32GB (2x16GB) DDR5 5600MHz
OS: Windows 11 Pro Version 10.0.22631.2861
Discrete Graphics: GeForce RTX 4090
Graphics Driver: 31.0.15.4633
Storage: Corsair MP600 Pro XT 4TB NVMe

MEASUREMENT

Tested using Premiere Pro Version 24.1.0 (Build 85). Exporting a video from 10b 4K/25 AVC @250Mbps to 4K/25 HEVC @100Mbps Completion rate (measured in FPS) are as follows:

Intel Arc A380 single encoder: 100.69 FPS
 Intel Arc A380 dual encoder: 111.57 FPS
 NVIDIA RTX 4090: 100.69 FPS

MEASUREMENT PERIOD

January 19 2024

