

Release Notes

Game On Graphics Driver



Date: January 20, 2025

Driver Version: 32.0.101.8425 Non-WHQL

Gaming Highlights:

Intel® Game On Driver support on Intel® Arc™ B-series, A-series Graphics GPUs and Intel® Core™ Ultra with built-in Intel® Arc™ GPUs for:

- **Arknights: Endfield***
- **Hytale***

Fixed Issues:

Intel® Arc™ B-Series Graphics Products:

- PRAGMATA SKETCHBOOK Demo* (DX12) may experience an application crash while launching the game.

Intel® Core™ Ultra Series 2 with built-in Intel® Arc™ GPUs:

- PRAGMATA SKETCHBOOK Demo* (DX12) may experience an application crash while launching the game.

Known Issues:

Intel® Arc™ B-Series Graphics Products:

- Call of Duty Black Ops 6* (DX12) may exhibit intermittent corruptions on certain water surfaces during gameplay.
- PugetBench for Davinci Resolve Studio* may experience an intermittent application crash while running the benchmark. Recommendation is to change the timeout slider to 1500 seconds or higher, to wait for each test to complete, in PugetBench* benchmark settings.

Intel® Arc™ A-Series Graphics Products:

- PugetBench for Davinci Resolve Studio* may experience an intermittent application crash while running the benchmark. Recommendation is to change the timeout slider to 1500 seconds or higher, to wait for each test to complete, in PugetBench* benchmark settings.

Intel® Core™ Ultra Series 1 with built-in Intel® Arc™ GPUs:

- Battlefield 6* (DX12) may exhibit intermittent corruptions on certain maps during gameplay.

Intel® Core™ Ultra Series 2 with built-in Intel® Arc™ GPUs:

- Call of Duty Black Ops 6* (DX12) may exhibit intermittent corruptions on certain water surfaces during gameplay.
- Battlefield 6* (DX12) may exhibit intermittent corruptions on certain maps during gameplay on some notebooks with Intel® Core™ Ultra Series 2 with built-in Intel® Arc™ GPUs.
- Topaz Video AI* may experience visual artifacts when using certain AI models.

We continuously strive to improve the quality of our products to better serve our users and appreciate [feedback](#) on any issues you discover and suggestions for future driver releases. If you have an issue to submit, please follow the guidance found here [Default level information for reporting Graphics issues](#).

Intel® Graphics Software Fixed Issues:

- Variable Refresh Rate range in Display page may show incorrect values.

Intel® Graphics Software Known Issues:

- When using the settings, preferences, reset all settings option in Windows 10 the application may experience an intermittent crash. Settings can be reset from individual pages without issue.
- Intel® Graphics Software may sometimes experience a single application crash on the first re-arrange of metrics within the select metrics window. Subsequent usage will not be affected by this crash again.
- Combined Display may intermittently not function as expected while combining displays or resetting settings.

Intel® Graphics Software Performance Tuning (BETA):

- Intel® Graphics Software Performance Tuning is currently in Beta. As such, performance and features may behave unexpectedly. Intel® will continue to refine the Performance Tuning software in future releases.
 - In multi-GPU scenarios with two performance tuning capable devices, the performance tuning page may attempt to apply changes to one or more devices at once rather than individually based on the GPU selector.

Notes:

- Take your system lighting to the next level with Intel® Arc™ RGB Controller. Intel® Arc™ RGB Controller was custom designed to allow users to harness 90 individually addressable LEDs on Intel® Arc™ A770 Graphics Limited Edition cards. Intel® Arc™ RGB Controller is available to download [here](#).
 - Supported on Intel® Arc™ A770 Graphics Limited Edition on Windows®10 and Windows®11.
 - Intel® and Cooler Master* collaborated on the creation of this software.
 - For more information on how to enable the RGB lighting for your Intel® Arc™ A770 Graphics Limited Edition card, see the [Intel® Arc™ A-Series Graphics – Desktop Quick Start Guide](#).

Driver Package Contents:

- Intel® Graphics Driver
- Intel® Media SDK Runtime (21.0.1.35)
- Intel® oneVPL GPU Runtime (21.0.2.15)
- Intel® Graphics Compute Runtime for OpenCL® Driver
- Vulkan®3 Runtime Installer
- Intel® Arc™ Software & Drivers Installer/Uninstaller (1.0.1168.0)
- oneAPI Level Zero Loader and Validation Layer
- Intel® Graphics Compute Runtime for OneAPI Level Zero specification
- Intel® Graphics Software installer (25.44.2010.4)
- Intel® Driver Support Assistant

Supported APIs:

If you are uncertain of which Intel® processor is in your computer, Intel recommends using the [Intel® Driver & Support Assistant](#) to identify your Intel processor.

API	Version	Intel Graphics ¹
DirectX ^{*4}	12	11th Generation Intel® Core™ processors and higher
Vulkan ^{*3}	1.4	11th Generation Intel® Core™ processors and higher
OpenGL*	4.6	11th Generation Intel® Core™ processors and higher
OpenCL*	3.0	11th Generation Intel® Core™ processors and higher
Intel® oneAPI ^{*5} Level Zero	1.26.0	11th Generation Intel® Core™ processors and higher
Intel® oneAPI [*] Level Zero SDK ⁶	1.26.0	11th Generation Intel® Core™ processors and higher
Intel® oneAPI Video Processing Library ^{*7} GPU RT	2.15	11th Generation Intel® Core™ processors and higher and Xe Graphics and newer

Operating System Support:

Intel Graphics ¹	Microsoft Windows® 11 64-bit September 2025 Update (25H2)	Microsoft Windows® 11 64-bit October 2024 Update (24H2)	Microsoft Windows® 11 64-bit October 2023 Update (23H2)	Microsoft Windows® 11 64-bit September 2022 Update (22H2)	Microsoft Windows® 11 64-bit October 2021 Update (21H2)	Microsoft Windows® 10 64-bit October 2022 Update (22H2)
Intel® Arc™ B580, B570 Graphics (Codename Battlemage)	✓	✓	✓	✓	✓	✓
Intel® Arc™ Pro B50, and Pro B60 GPUs (Codename Battlemage)	✓	✓	✓	✓	✓	✓
Intel® Core™ Ultra with built-in Intel® Arc™ GPUs and Intel® Graphics (Codename Meteor Lake, Lunar Lake, Arrow Lake-S, Arrow Lake-H, Arrow Lake-U)	✓	✓	✓	✓	✓	✓
Intel® Arc™ A770, A750, A580, A380, A310, A310 LP, A770M, A730M, A570M, A550M, A530M, A370M, A350M, A750E, A580E, A380E, A370E, A350E, and A310E Graphics (Codename Alchemist)	✓	✓	✓	✓	✓	✓

More on Intel Products:

For more information on Intel Graphics and Intel Processors, please visit:

- [Intel® Core™ Ultra Processors Family](#)
- [Intel® Arc™ Graphics Overview](#)
- [Intel® Arc™ Pro Graphics for Workstations](#)
- [Intel® Xeon® E Processors](#)
- [Intel® Graphics](#)

Notes & Disclaimers:

Performance varies by use, configuration and other factors. Learn more at [intel.com/performanceindex](#).

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.

Your costs and results may vary.

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

1. Intel Labs conducts independent testing of supported software on Intel platforms to ensure compatibility. Please refer to software vendor system requirements to ensure compatibility with your system.
2. Are you still experiencing an error preventing the driver update? Look here for [why and a solution](#). Graphics Driver Smart Installer Enhancement allows end-users to upgrade systems with OEM DCH drivers to newer Intel generic DCH drivers. OEM customizations are preserved during this upgrade process, in accordance with Microsoft* DCH driver design principles (refer to Microsoft documentation, “Extension INF Publishing Whitepaper” to learn more). The installer will continue to restrict OEM non-DCH to Intel Generic non-DCH upgrades as well as OEM non-DCH to Intel Generic DCH driver upgrades. End-users will continue to be referred to OEM websites.

WARNING: Installing this Intel generic graphics driver will overwrite your Computer Manufacturer (OEM) customized driver. OEM drivers are handpicked, customized, and validated to resolve platform-specific issues, enable features and enhancements, and improve system stability. The generic driver’s intention is to temporarily test new features, game enhancements, or check if an issue is resolved. Once testing is complete Intel advises reinstalling the OEM driver until they validate it and release their own version.

Any graphics issues found using Intel generic graphics drivers should be [reported directly to Intel](#). Corporate customers should always use OEM drivers and report all issues through the vendor they purchased the platforms and support through.

3. Product is conformant with the Vulkan* 1.4 specification. Vulkan* and the Vulkan* logo are registered trademarks of the Khronos Group Inc*.
4. In the Intel Graphics Command Center (System > Driver), the ‘Microsoft DirectX*’ version refers to the operating system’s DirectX version. The DirectX 12 API is supported but some optional features may not be available. Applications using the DirectX 12 API should query for feature support before using specific hardware features. Please note that DirectX12 is only supported on Windows 10 and DirectX11.3 support is also available on supported Microsoft* operating systems.
5. Intel® oneAPI Level Zero version is supported on 6th generation Intel® Core™ processors and above. Note that Intel® Atom processors are not supported.
6. For runtimes and application developers that need to include the Intel® oneAPI Level Zero SDK within their environments, the location of the SDK is exported into the user environment with the variable “LEVEL_ZERO_V1_SDK_PATH”. It can be used as part of build and runtime environments to access the headers and build libraries.
7. [Intel® oneAPI Video Processing Library](#) GPU Runtime* release – more details below
 - a. Intel® oneAPI Video Processing Library Specification: <https://spec.oneapi.io/versions/latest/elements/oneVPL/source/index.html>
 - b. [Upgrading from Intel® Media SDK to Intel® oneAPI Video Processing Library](#)
8. See the [Windows Subsystem for Linux Installation Guide](#) for Windows 10 onwards for more details about how to install a supported Linux distribution.