

Release Notes

DRIVER VERSION: 27.20.100.9039

DATE: December 18, 2020

HIGHLIGHTS:

- **Patch driver for Intel® Iris® Xe Dedicated Graphics family (Codename DG1) to fix error when running Handbrake Application.**

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*2 Are you still experiencing an error preventing the driver update? Look here for [why and a solution](#).

This document provides information about Intel Graphics Driver for:

- Intel® Iris® Xe Max Graphics (DG1)

CONTENTS OF THE PACKAGE:

- Intel Graphics Driver
- Intel Media SDK Runtime
- Intel Graphics Compute Runtime for OpenCL™ Driver
- Vulkan*³ Runtime Installer
- Intel Graphics Installer
- OneAPI Level Zero Loader and Validation Layer
- Intel® Graphics Compute Runtime for OneAPI Level Zero specification

OPERATING SYSTEM SUPPORT:

- Microsoft Windows® 10-64 – May 2020 Update (2004)
- Microsoft Windows® 10-64 – October 2020 Update (20H2)

PERFORMANCE IMPROVEMENTS:

- Performance Optimizations for DX9 games.

KEY ISSUES FIXED:

- Error when running Handbrake Application.
- App crash observed while attempting to play the game in MechWarrior 5: Mercenaries.
- Minor graphic anomalies seen in Battlefield V* (DX12).

KNOWN ISSUES:

- Intermittent Crash or hang may be seen in Tom Clancy's The Division 2* (DX12), Horizon Zero Dawn* (DX12), Borderlands 3* (DX12), Destiny 2 (with anti-cheat enabled), Tom Clancy's Rainbow Six Siege, Call of Duty: Black Ops Cold War* (DX12), Cyberpunk 2077* (DX12), Avengers*(DX12), Dirt 5* (DX12), Counter Strike: Global Offensive (with Stream Textures enabled).
- Minor graphic anomalies may be seen in Shadow of the Tomb Raider* (DX12), Tom Clancy's Ghost Recon Breakpoint* (DX11), Madden NFL 21* (DX12), Forza Horizon 4, Watch Dogs: Legion (DX12), Hitman 2* (DX12).

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel Graphics ¹	DirectX*4	OpenGL*	OpenCL	Vulkan*	Intel Quick Sync Video
Intel® Iris® Xe Max Graphics (DG1)	12	4.6	3.0 ⁱ	1.2	Yes

Note¹: "Product is based on a published Khronos Specification and has been submitted to, and expected to pass, the Khronos Conformance Process. Current conformance status can be found at www.khronos.org/conformance."

If you are uncertain of which Intel processor is in your computer, Intel recommends using the [Intel Processor Identification Utility](#) or Install the [Intel Driver & Support Assistant](#) (previously called Intel Driver Update Utility) to identify your Intel processor.

More on Intel Core Processors

For more information on the Intel Core processor family, Intel Xeon E processor family, and 11th Generation Intel Core processors, please visit:

[Intel 11th Generation Core Processors](#)

<http://www.intel.com/content/www/us/en/processors/core/core-processor-family.html>

<http://www.intel.com/content/www/us/en/processors/xeon/xeon-processor-e3-family.html>

<http://www.intel.com/graphics>

Be sure to check out gameplay.intel.com, where you'll find recommended in-game settings for your Intel Graphics system for many more of your favorite games.

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](#).

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* Other names and brands may be claimed as the property of others.

*¹ Intel Labs conducts independent testing of supported titles on Intel platforms to ensure playability. Please refer to publisher system requirements to ensure compatibility with your system.

² 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 1.2 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.