

DRIVER VERSION: 27.20.100.9616 BETA

DATE: May 26, 2021

HIGHLIGHTS:

- New Installer UI with improved look and feel.

GAMING HIGHLIGHTS*1:

- Optimizations to reduce load times and stuttering in **Moonlight Blade*(DX12)** and **Call of Duty: Warzone*(DX12)**.

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

KEY ISSUES FIXED:

- Intermittent crash or hang seen in **Shadowman Remastered*(Vulkan)**, **Dark Souls III***, **Gangstar New Orleans***.
- Minor graphic anomalies seen in **Assassin's Creed Valhalla*(DX12)**, **Dirt 5*(DX12)**, **Watch Dogs: Legion*(DX12)**, **Control*(DX12)**, 3DMark: FireStrike*.
- HDMI 2.0 monitor cannot light up after resume from sleep or standby.
- Display abnormal when 4K monitor connected and switched to duplicate displays.
- Visual anomalies seen on internal panel during .wmv movie playback in Movies & TV app under high CPU usage on 11th Generation Intel® Core™ H-Series mobile Processors.

KNOWN ISSUES:

- Intermittent crash or hang may be seen in Red Dead Redemption 2* (DX12) while running benchmark, Call of Duty: Black Ops Cold War* (DX12), Need for Speed: Payback*, War Thunder*, Tom Clancy's Ghost Recon Breakpoint* (DX11), Metro Exodus* (DX12) when changing graphics settings, Destiny 2* (with anti-cheat enabled), Total War Rome Remastered*, Resident Evil Village* (DX12).
- Minor graphic anomalies may be observed in Dark Souls 3, Hitman 2* (DX12), Red Dead Redemption 2*, Deus Ex Mankind Divided* (DX12), Star Wars Battlefront 2* (DX11) with VRR enabled, GRID* (2019), Horizon Zero Dawn* (DX12), Forza Horizon 4* (DX12), Horizon Zero Dawn* (DX12), Adobe Premiere Pro 2020* when playing video.
- Intel® Iris® Xe Max graphics: Intermittent crash or hang may be seen in Marvel's Avengers* (DX12), Sid Meier's Civilization VI* (during ALT + ENTER), CounterStrike: GO* (when changing resolution or switching between windowed/full screen).
- Intel® Iris® Xe Max graphics: Minor graphic anomalies may be observed in Metro Exodus* (DX12), Death Stranding* (DX12), Warframe*, GRID 2019* (DX12), Doom Eternal* (Vulkan), Fortnite* (DX11).
- Flickering may be seen with 4K display connected when resizing 4K video playback window.
- HDR may not turn ON when external display connected via HDMI port running at 4K60 on 11th Generation Intel® Core™ H-Series mobile Processors.

CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver 10.26.0.10 (6th Gen and related Pentium Silver and Celeron processors)
- Intel® Display Audio Driver 10.27.0.10 (7th, 8th, 9th, 10th Gen Intel® Core™ processors)
- Intel® Display Audio Driver 11.1.0.18 (10th Gen Intel® Core™ processors with Iris Plus Graphics)
- Intel® Display Audio Driver 11.2.0.8 (Intel® Core™ Processors with Intel® Hybrid Technology)
- Intel® Display Audio Driver 12.1.0.6 (Intel® Iris® Xe Max Graphics)
- Intel® Media SDK Runtime (11.0.0.003)
- Intel® Graphics Compute Runtime for OpenCL* Driver
- Intel® Graphics Command Center (installed via Microsoft* Store)
- Vulkan*³ Runtime Installer
- Intel® Graphics Driver Installer (1.0.475)
- OneAPI Level Zero Loader and Validation Layer
- Intel® Graphics Compute Runtime for OneAPI Level Zero specification

OPERATING SYSTEM SUPPORT:

Intel Graphics ¹	Microsoft Windows® 10 64-bit October 2020 Update (20H2)	Microsoft Windows® 10 64-bit May 2020 Update (2004)	Microsoft Windows® 10 64-bit November 2019 Update (1909)	Microsoft Windows® 10 64-bit May 2019 Update (1903)	Microsoft Windows® 10 64-bit October 2018 Update (1809)	Microsoft Windows® 10 64-bit April 2018 Update (1803)
11th Generation Intel® Core™ H-Series mobile Processors with Intel® Iris® X ^e graphics (Codename Tiger Lake - H)	X	-	-	-	-	-
11th Generation Intel® Core™ Processors with Intel® Iris® X ^e graphics (Codename Rocket Lake)	X	-	-	-	-	-
Intel® Iris® X ^e Max Graphics (Codename DG1)	X	X				
Intel® Pentium® Processor family and Intel® Celeron® Processor family (Codename Jasper Lake)	X	X	X	-	-	-
11th Generation Intel® Core™ Processors with Intel® Iris® X ^e graphics (Codename Tiger Lake)	X	X	X	-	-	-
Intel® Core™ Processor with Intel® Hybrid Technology (Codename Lakefield)	X	X	X	-	-	-
10th Generation Intel® Core™ processors with Intel Iris Plus graphics (Codename Ice Lake)	X	X	X	X	X	-
10th Generation Intel® Core™ processors with Intel UHD Graphics (Codename Comet Lake)	X	X	X	X	X	X
9th Generation Intel® Core™ processors, related Pentium®/Celeron® processors, and Intel Xeon® processors, with Intel UHD Graphics 630 (Codename Coffee Lake-R)	X	X	X	X	X	X
8th Generation Intel® Core™ processors, related Pentium/ Celeron processors, and Intel Xeon processors, with Intel Iris Plus Graphics 655 and Intel UHD Graphics 610, 620, 630, P630 (Codename Kaby Lake-R, Coffee Lake)	X	X	X	X	X	X
7th Generation Intel® Core™ processors, related Pentium/ Celeron processors, and Intel Xeon processors, with Intel Iris Plus Graphics 640, 650 and Intel HD Graphics 610, 615, 620, 630, P630 (Codename Kaby Lake)	X	X	X	X	X	X
6th Generation Intel® Core™, Intel Core™ M, and related Pentium® processors with Intel® Iris™ Graphics 540, Intel® Iris™ Graphics 550, Intel® Iris™ Pro Graphics 580, and Intel® HD Graphics 510, 515, 520, 530 (Codename Skylake)	X	X	X	X	X	X

SUPPORTED APIS:

Intel Graphics ¹	DirectX ⁴	OpenGL [*]	OpenCL [*]	One API Level Zero	Vulkan [*]	Intel Quick Sync Video
Intel Iris X ^e Max Dedicated Graphics family and 11 th Generation Intel Core processors with Intel® Iris® X ^e Graphics:	12	4.6	3.0	1.1 ⁵	1.2	Yes
10 th Generation Intel Core processors, 9 th Generation Intel Core processors, 8 th Generation Intel Core processors, 7 th Generation Intel Core processors and related Intel Xeon/Pentium/Celeron processors:	12	4.6	3.0	1.1 ⁵	1.2	Yes

6th Generation Intel® Core™ processors:	12	4.6	3.0	1.1 ⁵	1.2	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505, Pentium and Celeron processors with Intel UHD Graphics 600/605:	12	4.6	3.0	-	1.2	Yes

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

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.

Note:

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.
5. One API Level Zero API version is pre-release version supported on 6th generation Intel® Core™ processors and above. Note that Intel® Atom processors are not supported.

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>

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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