

Release Notes

DRIVER VERSION: 26.20.100.6708

DATE: April 18th, 2019

HIGHLIGHTS:

- **Launch driver for**
 - **Windows* 10 May 2019 Update**
 - **Imperator Rome***

This launch driver is WDDM 2.6 compliant and ready for the Windows 10 May 2019 update. It introduces support for the new DirectX* 12 Shader Model 6.4 compiler on 7th Generation Intel® Core processors or higher (Intel® HD Graphics 610 or higher).

This driver is provided with the Intel® Graphics Settings control panel. For the early access release of the brand-new Intel® Graphics Command Center please refer to the driver version 26.20.100.6709.

GAMING HIGHLIGHTS:

Plan your grand strategy in [Imperator Rome*](#), join the Industrial Revolution of the 19th century and start building your industry empire with [Anno 1800*](#), help save humanity from a zombie invasion in [World War Z*](#) or use your sense of hearing to investigate crimes in [Unheard*](#) on Intel® UHD Graphics 620 or better.

DEVELOPER HIGHLIGHTS:

- This driver is WDDM 2.6 compliant.
- Support for DirectX* 12 Shader Model 6.4 compiler.
- Support for PSO cache for Compute Shaders.
- Various performance improvements for D3D12 MetaCommands in DirectML.

PERFORMANCE IMPROVEMENTS:

- Power savings improvements for integrated panels.

KEY ISSUES FIXED:

NOTE: This driver contains stability and security improvements.

- Intermittent crashes or hangs may occur in Devil May Cry 5* (DX11).
- Minor graphics anomalies may be observed in Re-Legion*, Arma 3* (6th generation processors only) and Dreamfall the Longest Journey.
- Rise of the Tomb Raider might display an error message when running DX12.

This document provides information about Intel's Graphics Driver for:

- 9th Generation Intel® Core processors, related Pentium®/Celeron® Processors, and Intel® Xeon processors, with Intel® UHD Graphics 630.
- 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.
- 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.
- 6th Generation Intel® Core processors, 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.
- Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530
- Pentium®/ Celeron® Processors with Intel® HD Graphics 500, 505 and Intel® UHD Graphics 600, 605
Pentium®/Celeron® Intel UHD 600, 605

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

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CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver (10.26.00.06)
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver
- Intel® Graphics Settings
- Vulkan* Runtime Installer (1.1.97.0)

OPERATING SYSTEM SUPPORT:

On 9th Generation Intel® Core processors, 8th Generation Intel® Core processors, 7th Generation Intel® Core processors, 6th Generation Intel® Core and Intel® Mobile Xeon processors and related Pentium/Celeron:

- Microsoft Windows* 10-64 - Fall Creators Update (1709)
- Microsoft Windows* 10-64 - April 2018 Update (1803)
- Microsoft Windows* 10-64 - October 2018 Update (1809)
- Microsoft Windows* 10-64 – May 2019 Update (1903)

KNOWN ISSUES:

- Minor graphics anomalies may be observed in Apex Legends* (low quality settings with TSAA disabled on 6th generation Processors only), Devil May Cry 5* (DX12), Generation Zero*, and Tom Clancy's The Division 2* (DX12).
- Intermittent crashes or hangs may be seen in Anno 1800* (DX12) and World War Z* (Vulkan).
- Corruptions may be seen in video recorded by Cyberlink* screen recorder.

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics ¹	DirectX ²	OpenGL*	OpenCL*	Vulkan*	Intel® Quick Sync Video
9 th Generation Intel® Core™ processors with Intel® UHD Graphics 630	12	4.5	2.1	1.1.101	Yes
8 th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 655	12	4.5	2.1	1.1.101	Yes
8 th Generation Intel® Core™ processors with Intel® UHD Graphics 610/620/630/P630	12	4.5	2.1	1.1.101	Yes
7 th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 640/650	12	4.5	2.1	1.1.101	Yes
7 th Generation Intel® Core™ processors with Intel® HD Graphics 610/615/620/630	12	4.5	2.1	1.1.101	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P630	12	4.5	2.1	1.1.101	Yes
Pentium Processors with Intel® HD Graphics 610	12	4.5	2.1	1.1.101	Yes
6 th Generation Intel® Core™ processors with Intel® Iris® Pro Graphics 580	12	4.5	2.0	1.1.101	Yes
6 th Generation Intel® Core™ processors with Intel® Iris® Graphics 540/550	12	4.5	2.0	1.1.101	Yes
6 th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.5	2.0	1.1.101	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.5	2.0	1.1.101	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.5	2.0	1.1.101	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.5	2.0	1.1.101	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505/510	12	4.5	1.2	1.1.101	Yes
Pentium® and Celeron® Processors with Intel® UHD Graphics 600/605	12	4.5	1.2	1.1.101	Yes

Note:

1. 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.
2. In the Intel® Iris®, UHD, and HD Graphics Control Panel (under Options > Options menu > Information Center), the 'Installed DirectX* version' refers to the operating system's DirectX version. The Information Center's 'Supported DirectX* Version' refers to the Intel® Graphics Driver's supported 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.

More on Intel® Core™ Processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 9th Generation Intel® Core processors, please visit:

[Intel® 9th 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>

Work and play in high resolution with Intel® UHD Graphics, Iris® Graphics, Iris® Plus Graphics, and Iris® Pro Graphics. Watch captivating 4K Ultra HD (UHD) video on up to three screens, edit photos and videos like a pro, and immerse yourself in vividly rendered, seamless 3D gameplay - all with the added power boost of an Intel® Core™ processor. Intel® Graphics bring stunning visuals to thinner and lighter portable devices, like laptops, 2 in 1s, and desktop computers.

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](#).

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