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 early access release of the brand-new Intel® Graphics Command Center. The Intel® Graphics Command Center (IGCC) is a software interface that provides consumers a modern design to optimize their visual experience – built on community feedback, and designed for simplicity and ease of use:
- IGCC scans for installed games to provide 1-click optimization of in-game settings based on the user's hardware, and the ability to create custom game profiles to directly tune individual game settings.
- Additionally, IGCC helps consumers understand graphics settings with simple explanations and before-and-after images to recognize how each setting will tax their hardware.

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* (6\textsuperscript{th} 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:

• 9\textsuperscript{th} Generation Intel® Core processors, related Pentium®/Celeron® Processors, and Intel® Xeon processors, with Intel® UHD Graphics 630.
• 8\textsuperscript{th} 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.
• 7\textsuperscript{th} 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.
• 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

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

Get a front row pass to gaming deals, contests, betas, and more with Intel® Software Gaming Access.

CONTENTS OF THE PACKAGE:

• Intel® Graphics Driver
• Intel® Display Audio Driver (10.26.00.06)
• Intel® Media SDK Runtime
• Intel® OpenCL® Driver
• Intel® Graphics Command Center (iGCC) early access
• Vulkan* Runtime Installer (1.1.97.0)

OPERATING SYSTEM SUPPORT:

On 9\textsuperscript{th} Generation Intel® Core processors, 8\textsuperscript{th} Generation Intel® Core processors, 7\textsuperscript{th} Generation Intel® Core processors, 6\textsuperscript{th} 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 6\textsuperscript{th} 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:

<table>
<thead>
<tr>
<th>Supported Platforms</th>
<th>Intel® Graphics¹</th>
<th>DirectX²</th>
<th>OpenGL*</th>
<th>OpenCL*</th>
<th>Vulkan*</th>
<th>Intel® Quick Sync Video</th>
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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.

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/enprocessors/core/core-processor-family.html
http://www.intel.com/content/www/us/enprocessors/xenon/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.