

Release Notes

DRIVER VERSION: 24.20.100.6286

DATE: August 29th, 2018

HIGHLIGHTS:

Launch Driver Games

- [Strange Brigade*](#)
- [Pro Evolution Soccer 2019*](#)

This driver has performance improvements and optimizations for [World of Warcraft: Battle for Azeroth*](#) (for both DirectX* 11 and 12 versions) and Jurassic World Evolution* on 6th Generation Intel® Core processors or higher.

Begin your exotic journey with [Strange Brigade*](#), show off with a hat-trick in [Pro Evolution Soccer 2019*](#), and take part in covert operations in [Phantom Doctrine*](#) with Intel® UHD Graphics 620 or better.

Also, put your driving skills to the test in [F1 2018*](#), jump back into [Destiny 2 - Expansion III: Forsaken*](#), and become a clever hunter in [Monster Hunter: World*](#) with Intel® Iris Pro Graphics or better.

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

Install the [Intel® Driver & Support Assistant](#) (previously called Intel® Driver Update Utility), which now automatically checks for drivers on a regular basis and can provide notifications when new drivers are available.

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

- 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

CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver (10.25.00.10)
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver
- Intel® Graphics Control Panel
- Vulkan* Runtime Installer (1.1.77.0)

Operating System Support

On 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-bit

NEW FEATURES:

Performance improvements and optimizations for World of Warcraft: Battle for Azeroth* (for both DirectX* 11 and 12 versions) and Jurassic World Evolution* on 6 th Generation Intel® Core processors or higher
Playability improvements for Vampyr* and Monster Hunter: World*
Media streaming improvements while using the AVC* codec at low bitrates for 6 th Generation Intel® Core processors or higher
Power optimizations when dynamically switching to lower refresh rates during video playback
Security fixes and improvements

KEY ISSUES FIXED:

Steam* overlay may not work in Dota 2* when running in Vulkan* mode
Minor Graphics anomalies may be observed in Titanfall® 2 (6th Gen Intel® Core™ Only), Minecraft*, and LEGO NINJAGO* Movie Video Game
Intermittent crashes or hangs may occur in Unravel 2*
While using two displays, the arrangement settings in Windows* may reset if the resolution of the second display is changed.
Inaccurate color may be observed during YouTube* playback in web browsers when hardware acceleration is turned on
Sketchup* application may become unresponsive
Stereoscopic 3D may not work when viewing a 3D video
Remote desktop protocol (RDP) and Virtual Network Computing (VNC) applications show a black screen when updating the graphics driver in guest user mode

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics ¹	DirectX* ²	OpenGL*	OpenCL*	Vulkan*	Intel® Quick Sync Video
8th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 655	12	4.5	2.1	1.1.82	Yes
8th Generation Intel® Core™ processors with Intel® UHD Graphics 610/620/630/P630	12	4.5	2.1	1.1.82	Yes
7th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 640/650	12	4.5	2.1	1.1.82	Yes

7th Generation Intel® Core™ processors with Intel® HD Graphics 610/615/620/630	12	4.5	2.1	1.1.82	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P630	12	4.5	2.1	1.1.82	Yes
Pentium Processors with Intel® HD Graphics 610	12	4.5	2.1	1.1.82	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Pro Graphics 580	12	4.5	2.0	1.1.82	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Graphics 540/550	12	4.5	2.0	1.1.82	Yes
6th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.5	2.0	1.1.82	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.5	2.0	1.1.82	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.5	2.0	1.1.82	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.5	2.0	1.1.82	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505/510	12	4.5	1.2	1.1.82	Yes
Pentium® and Celeron® Processors with Intel® UHD Graphics 600/605	12	4.5	1.2	1.1.82	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® 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.

KNOWN ISSUES

- Minor Graphics anomalies may be observed in Monster Hunter: World*, Stonehearth* and other games
- Windows Advanced Display Settings may show incorrect bit-depth on some primary monitors which leads to inaccurate colors.
- Virtual machine (VM) session may go blank when running some 3D benchmarks and YouTube* sessions

More on Intel® Core™ processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 8th Generation Intel® Core processors, please visit:

[Intel® 8th 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.