

# Intel® Media Server Studio 2017 R2 – Essentials Edition for Windows\* Server Release Notes

[Overview](#)

[What's New](#)

[System Requirements](#)

[Installation](#)

[Installation Folders](#)

[Known Limitations](#)

[Legal Information](#)

## Overview

The **Intel® Media Server Studio – Essentials Edition for Windows\* Server** provides software development tools and libraries needed to develop enterprise grade media solutions on Intel® Server Products. The studio is designed for optimizing datacenter and embedded media applications for Windows\* server operating systems to utilize Intel® Iris™, Intel® Iris Pro and Intel® HD Graphics hardware acceleration capabilities. The suite includes:

- *Intel® Media Server Studio 2017 – Graphics driver*
- *Intel® Media Server Studio 2017 – Software Development Kit* (hereinafter referred to as "SDK") is designed for optimizing datacenter and embedded media applications for Linux server operating systems to utilize Intel Iris™ and Intel® HD Graphics hardware acceleration capabilities.
- *Intel® Media Server Studio 2017 – Samples*  
show how to use different SDK features.
- *Intel® Media Server Studio 2017 – Intel® SDK for OpenCL™ Applications 2016 R3 for Windows\**  
assists with creating, building, debugging, and analyzing OpenCL applications.

## What's New

The Intel® Media Server Studio 2017 – Essentials Edition for Windows\* Server includes the following components:

- Intel® Media Server Studio 2017 – Graphics Driver, version 15.40.4549
- Intel® Media Server Studio 2017 – SDK, version 7.0.0000.382
- Intel® Media Server Studio 2017 – Intel® SDK for OpenCL™ Applications 2016 R3 for Windows\* 6.3.0.1904

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

OpenCL and the OpenCL logo are trademarks of Apple Inc. used by permission by Khronos.

Page 1 of 4

Copyright © 2017, Intel Corporation

For information on what is new in each component, please read the individual component release notes:

- the Intel® Media Server Studio 2017 – SDK Release Notes  
<studio-install-dir>\Documentation for Essentials Edition\  
media\_server\_studio\_sdk\_release\_notes.pdf
- the Intel® Media Server Studio 2017 – SDK for OpenCL™ Applications Release Notes

<https://software.intel.com/en-us/articles/opencl-code-builder-release-notes>

## System Requirements

### Hardware

Media Server Studio supports the following platforms with the integrated graphics:

- Intel® Xeon® E3-1200 v4 Family with C226 chipset
- Intel® Xeon® E3-1200 and E3-1500 v5 Family with C236 chipset
- 5<sup>th</sup> Generation Intel® Core™
- 6<sup>th</sup> Generation Intel® Core™

Additionally, for Intel® Xeon® E5 v4 and v5 processors the following features are supported: software-only (CPU) codecs implementation, select video pre-processing (CSC, scaling, DI) and virtualization (KVM\*, Xen\*).

**Note:** Individual components could have specific requirements, please read the corresponding release notes.

### Software

Please see the individual component release notes to know about supported operating systems and required software list.

## Installation

Installation of Intel® Media Server Studio 2017 – Essentials Edition for Windows\* Server requires full administrative rights.

Please run the installer MediaServerStudioEssentials2017R2.exe.

Installer will guide installation process, please follow it.

NOTE: if you select Intel® Media Server Studio 2017 – Graphics Driver to be installed then after Media Server Studio 2017 installation is completed you should reboot your system. This is necessary for correct operation of the Graphics Driver.

On Windows\* 7 operating systems installation can return an error during driver installation, however after system reboot it will function correctly.

On Windows\* 10 operating systems installation can return an error during driver installation or installer exit before installation confirmation. In this case package reinstall is required.

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

OpenCL and the OpenCL logo are trademarks of Apple Inc. used by permission by Khronos.

Page 2 of 4

Copyright © 2017, Intel Corporation

## Installation Folders

Intel® Media Server Studio 2017 – Essentials Edition for Windows\* Server installs under "C:\Program Files\Intel\Intel(R) Media Server Studio 2017 R2\" – this is referenced as <studio-install-dir> in the remainder of this document.

<studio-install-dir>\Documentation for Essentials Edition	Intel® Media Server Studio 2017 – Essentials Edition for Windows* Server documentation: this file, Intel Media Server Studio – SDK Release Notes, EULA, EULA's accompanying files.
<studio-install-dir>\Software Development Kit	Intel® Media Server Studio 2017 – SDK.
<studio-install-dir>\Graphics Driver	Intel® Media Server Studio 2017 – Graphics Driver contains redistributable package GraphicsDriverWin64.zip
C:\Program Files (x86)\Intel\OpenCL SDK	Intel® SDK for OpenCL Applications 2016 R3 for Windows*

## Known Limitations

For information on known limitations in each component, please read the individual component release notes.

## Legal Information

THIS DOCUMENT CONTAINS INFORMATION ON PRODUCTS IN THE DESIGN PHASE OF DEVELOPMENT.

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

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

OpenCL and the OpenCL logo are trademarks of Apple Inc. used by permission by Khronos.

Page 3 of 4

Copyright © 2017, Intel Corporation

UNLESS OTHERWISE AGREED IN WRITING BY INTEL, THE INTEL PRODUCTS ARE NOT DESIGNED NOR INTENDED FOR ANY APPLICATION IN WHICH THE FAILURE OF THE INTEL PRODUCT COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or by visiting [Intel's Web Site](#).

MPEG is an international standard for video compression/decompression promoted by ISO. Implementations of MPEG CODECs, or MPEG enabled platforms may require licenses from various entities, including Intel Corporation.

Intel, the Intel logo, Intel Core are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

### **Optimization Notice**

Intel's compilers may or may not optimize to the same degree for non-Intel microprocessors for optimizations that are not unique to Intel microprocessors. These optimizations include SSE2, SSE3, and SSSE3 instruction sets and other optimizations. Intel does not guarantee the availability, functionality, or effectiveness of any optimization on microprocessors not manufactured by Intel.

Microprocessor-dependent optimizations in this product are intended for use with Intel microprocessors. Certain optimizations not specific to Intel microarchitecture are reserved for Intel microprocessors. Please refer to the applicable product User and Reference Guides for more information regarding the specific instruction sets covered by this notice.

Notice revision #20110804

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

OpenCL and the OpenCL logo are trademarks of Apple Inc. used by permission by Khronos.