

Intel® Media Server Studio 2015 R7 – Professional Edition for Windows* Server Release Notes

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Overview

The **Intel® Media Server Studio – Professional Edition for Windows* Server** provides software development tools and libraries needed to develop enterprise grade media solutions on Intel® Server Products. The suite includes:

- *Intel® Media Server Studio 2015 – Graphics driver*
- *Intel® Media Server Studio 2015 – SDK* (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 2015 – OpenCL™ Code Builder* assists with creating, building, debugging, and analyzing OpenCL applications.
- *Intel® Media Server Studio 2015 – Audio Decoder and Encoder* (hereinafter referred to as "Audio") is a dedicated library for audio codec software processing.
- *Intel® Media Server Studio 2015 – HEVC Decoder and Encoder* (hereinafter referred to as "HEVC") is of set of software development libraries (plug-ins) and tools that that expose the HEVC (ISO*/IEC* 23008-2 MPEG-H Part 2 or ITU-T* H.265 standard) decode and encode acceleration capabilities of Intel® platforms.
- *Intel® Media Server Studio 2015 – Premium Telecine Interlace Reverser* (hereinafter referred to as "PTIR") is a development library that exposes the media acceleration capabilities of Intel platforms for video deinterlacing/inverse telecine processing.
- *Intel® Media Server Studio 2015 – Video Quality Caliper* is a graphical utility for objective and visual quality inspection of encoded or uncompressed videos
- *Intel® VTune™ Amplifier XE* is a powerful threading and performance optimization tool for developers who

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need to understand an application's serial and parallel behavior to improve performance and scalability.

- *Intel® Media Server Studio 2015 – Samples* show how to use different SDK features.

What's New

The Intel® Media Server Studio 2015 – Professional Edition for Windows* Server includes the following components:

- Intel® Media Server Studio 2015 – Graphics Driver, version 15.36.4265
- Intel® Media Server Studio 2015 – SDK, version 6.0.0000.388
- Intel® Media Server Studio 2015 – OpenCL™ Code Builder 5.2.0.66
- Intel® Media Server Studio 2015 – Audio Decoder and Encoder, version 6.0.0.1
- Intel® Media Server Studio 2015 – HEVC Decoder and Encoder, version 1.0.7
- Intel® Media Server Studio 2015 – Premium Telecine Interlace Reverser, version 1.2.0
- Intel® Media Server Studio 2015 – Video Quality Caliper, version 1.8.0
- Intel® VTune™ Amplifier XE 2015 Update 4.2
- Intel® Media Server Studio 2015 – Samples are not a part of this package. The latest version of samples package (with all samples binaries and corresponding source code) could be downloaded from [Intel\(R\) Media Server Studio 2015 Support](#).

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

- the Intel® Media Server Studio 2015 – SDK Release Notes
<studio-install-dir>\Documentation for Professional Edition\
media_server_studio_sdk_release_notes.pdf
- the Intel® Media Server Studio 2015 – OpenCL™ Code Builder Release Notes
<https://software.intel.com/en-us/articles/mss-code-builder-release-notes>
- the Intel® Media Server Studio 2015 – Audio Decoder and Encoder Release Notes:
<audio-install-dir>\release_notes_audio.pdf
- the Intel® Media Server Studio 2015 – HEVC Decode & Encode Release Notes:
<hevc-install-dir>\media_server_studio_hevc_release_notes.pdf
- the Intel® Media Server Studio 2015 – Premium Telecine Interlace Reverser Release Notes:
<ptir-install-dir>\media_server_studio_ptir_release_notes.pdf

- the Intel® Media Server Studio 2015 – Video Quality Caliper Release Notes:
<caliper-install-dir>\Video_Quality_Caliper_Release_Notes.pdf
- the Intel® VTune™ Amplifier XE Release Notes:
<vtune-install-dir>\documentation\en\release_notes_amplifier_windows.pdf

System Requirements

Hardware

The following processor models are supported for hardware acceleration:

- Intel® Xeon® Processor E3-128* v3 with Intel® HD Graphics.
- Intel® Xeon® Processor E3-1284L v3 with Intel® Iris™ Pro Graphics P5200.
- Intel® Xeon® Processor E3-1285 v4 with Intel® Iris™ Pro Graphics P6300.

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 2015 – Professional Edition for Windows* Server requires full administrative rights.

Please run the installer MediaServerStudioProfessional2015R7.exe.

Installer will guide installation process, please follow it.

NOTE: if you select Intel® MSS 2015 – Graphics Driver to be installed then after Intel® MSS 2015 installation is completed you should reboot your system. This is necessary for correct operation of the Graphics Driver.

Installation Folders

Intel® Media Server Studio 2015 – Professional Edition for Windows* Server installs under "C:\Program Files\Intel\Intel(R) Media Server Studio 2015 R7\" – this is referenced as <studio-install-dir> in the remainder of this document.

Component	Description
<studio-install-dir>\	Intel® Media Server Studio 2015 –

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Documentation for Professional Edition	Professional 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 2015 – SDK.
<studio-install-dir>\Graphics Driver	Intel® Media Server Studio 2015 – Graphics Driver contains redistributable package GraphicsDriverWin64.zip
<studio-install-dir>\OpenCL(TM) Code Builder	Intel® Media Server Studio 2015 – OpenCL™ Code Builder.
<studio-install-dir>\Audio Decoder & Encoder	Intel® Media Server Studio 2015 – Audio Decoder & Encoder.
<studio-install-dir>\HEVC Decoder & Encoder	Intel® Media Server Studio 2015 – HEVC Decoder & Encoder.
<studio-install-dir>\Premium Telecine Interlace Reverser	Intel® Media Server Studio 2015 – Premium Telecine Interlace Reverser.
<studio-install-dir>\Video Quality Caliper	Intel® Media Server Studio 2015 – Video Quality Caliper.
C:\Program Files (x86)\Intel\VTune Amplifier XE 2015	Intel® VTune™ Amplifier XE 2015

Known Limitations

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

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