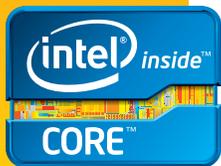




PRODUCT BRIEF
Intel® Media SDK 2013
for Linux Servers

 @IntelMediaSDK



Intel® Media SDK 2013 for Linux* Servers

Hardware Acceleration for Video Workloads

Intel® Media SDK 2013 for Linux* Servers is a software development kit (SDK) for optimizing datacenter and embedded media applications to utilize Intel HD Graphics hardware acceleration capabilities. Now, media applications for Linux operating systems such as encode, decode, and transcode for real-time streaming, teleconferencing, and video analytics running on Intel Xeon® E3-1285Lv2 and 3rd generation Intel Core™ processor-based platforms with Intel HD Graphics can benefit from the same hardware acceleration technology, performance gains and power savings that are currently available on Windows* client platforms.

Performance Gains, Power Savings and Increased Efficiency for Server Video Workloads

Intel Media SDK 2013 for Linux Servers delivers this hardware acceleration capability and increased encode, decode, and transcode performance by using the power of the CPU and Intel HD Graphics on Intel Xeon E3-1285Lv2 and 3rd generation Intel Core processors, helping to consolidate multiple workloads onto one platform. But while it is delivering this performance punch it is also minimizing power usage at the same time. Think about it. If the transcode operation takes less time, the power consumption for that transcode operation is also significantly reduced. This means a datacenter with the Intel Xeon E3-1285Lv2 processor can deliver more concurrent HD video streams to remote users at a higher density, delivering revolutionary improvements and scalability to meet today's growing graphical usages at a lower total cost of ownership.

Concurrent Stream Processing Advantages

Large performance and power efficiency improvements are possible when processing multiple streams. Intel Media SDK 2013 for Linux Servers opens up those performance gains and power savings opportunities by reducing server complexity and maximizing the use of Intel HD Graphics

capabilities. Intel Media SDK for Linux Servers improves server density, reduces power consumption, and lowers workload latency and total cost of ownership by reducing the need for any discrete graphics solutions.

Time to Market Advantages

With a common API interface, developers can develop now for current and future platforms, quickly and easily, sharing media pipelines across operating systems and platforms. The Intel Media SDK 2013 for Linux Servers enables developers to interface with standard tools and IDE's, lowering the development burden of media workloads and reducing the cost of complex and non-standard video transcode platforms, helping to bring optimized products to market faster.

Intel Media SDK 2013 for Linux Servers

Intel Media SDK 2013 for Linux Servers is a software development kit including documentation and samples to access hardware acceleration on Intel platforms. The new SDK is ready for use in a wide variety of server products and applications. It gives developers a standard interface for video processing, simplifies development and reduces the complexities of accessing hardware acceleration across generations of server platforms and operating systems.

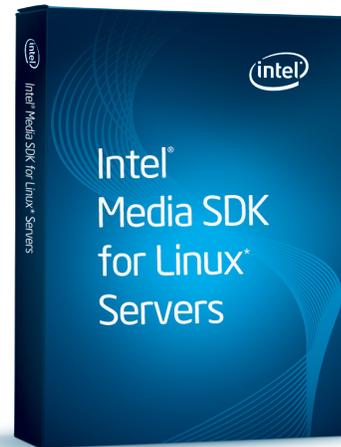
Supported Features

Intel Media SDK 2013 for Linux Servers supported features include:

- **Hardware:** Intel® Xeon® Processor E3-1285Lv2 and 3rd generation Intel Core™ processor-based platforms. Platforms without Intel HD Graphics are not currently supported.
- **Operating Systems:** Ubuntu* 12.04 LTS, SUSE Linux Enterprise Server* (SLES) 11 SP2.
- **Video Encoder Formats:** H.264
- **Video Decode Formats:** H.264, MPEG-2, and VC-1
- **Video Processing Filters:** Deinterlacing, Resizing, Denoising.
- **Available Samples:** Intel Media SDK 2013 for Linux Servers includes samples for decode, encode, multi-transcode, VPP.
- **Detailed Documentation:** Documentation, a user forum, and technical support help get application developers up and running with Intel Media SDK for Linux Servers.

The Intel Media SDK for Linux Servers Beta Program

Become Part of the Intel Media SDK 2013 for Linux Servers Beta Program. Intel is currently looking for development partners during this Beta. Sign up today as spots in the program are limited. To reserve your space to become part of the Beta Program for Intel Media SDK for Linux Servers as well as other emerging Linux and server based opportunities, go to: intel.com/software/mediasdk/linux.



To learn more about the benefits of Intel hardware acceleration for applications with media using the Intel Media SDK for Linux Servers, go to: intel.com/software/mediasdk/linux.

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