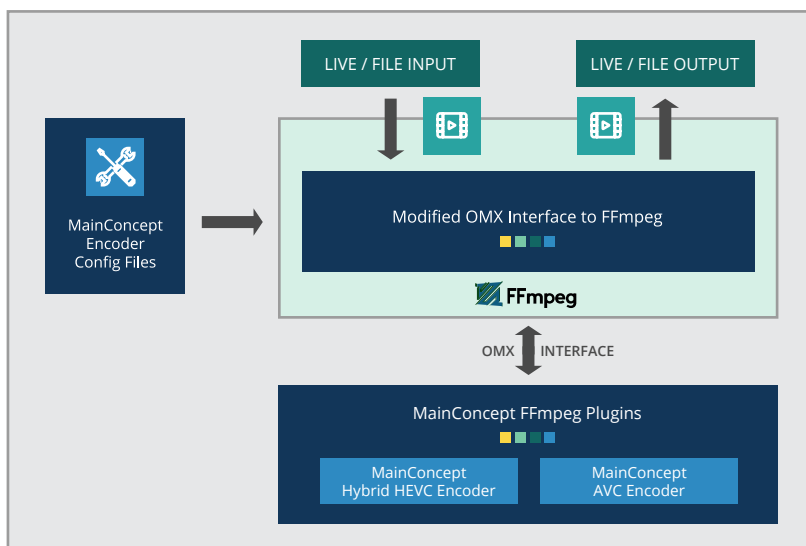


Hybrid HEVC Encoder Plugin for FFmpeg

Bandwidth-Friendly Encoding with Simple Integration

For more than 25 years MainConcept has been recognized as the premier line of professional video codecs. MainConcept FFmpeg Plugins make improving video quality and performance fast and easy for any level of user. Video developers can benefit from superior broadcast quality and up to 20% greater efficiency⁽¹⁾ than with x265 while using the familiar FFmpeg interface.

The MainConcept Hybrid HEVC Encoder Plugin for FFmpeg is suitable for both VOD and live production workflows. It comes equipped with powerful features you won't get from open source encoders, including 8K/60fps video encoding and advanced GPU acceleration to maximize video encoding performance on standard server hardware, saving valuable time and money.



20%

MORE EFFICIENT
THAN WITH X265



EASY TO INTEGRATE

- Simple plugin approach to bring MainConcept encoders into your new or existing FFmpeg environment



BETTER PERFORMANCE THAN OPEN SOURCE

- MainConcept is proven to outperform open source codecs, with familiar FFmpeg libraries and toolsets



ADVANCED FEATURES

- Gain access to Hybrid GPU acceleration, ready-to-use presets, and more



KEY FEATURES

- 2.5x encoding performance increase with Hybrid GPU acceleration²
- 4:2:2 10-bit chroma support for professional video encoding
- 8K60 Hybrid GPU accelerated 10-bit video encoding



OPTIMIZE WITH MAINCONCEPT PROFESSIONAL SERVICES

⁽¹⁾ Source: Moscow State University 4K codec performance comparison, ⁽²⁾ Compared to MainConcept HEVC encoder without hybrid GPU acceleration

OPERATING SYSTEM

- Microsoft® Windows® 8, Windows 10 (64-bit)
- Linux Ubuntu 16.04 LTS, CentOS 7.4 glibc 2.17 (64-bit)

SPECIFICATIONS

- Simple plug-in approach for fast integration with FFmpeg
- Ready-to-use presets up to 4K for OTT content creation, MPEG-DASH & Apple HLS
- GPU-accelerated encoding modes on NVIDIA RTX boards for significantly increased performance without sacrificing quality
- Hardware accelerated encoding powered by Intel Quick Sync Video and NVIDIA NVENC
- Hybrid & Driven GPU-accelerated encoding modes on NVIDIA RTX boards for significantly increased performance
- Main and Main 10, 4:2:0 and 4:2:2 support
- Pass encoding parameters via the FFmpeg command-line or use ready-to-use MainConcept config files with all available codec settings
- Save CPU processes for other tasks or applications
- Uses up to 30% less bandwidth for live encoding, saving hardware costs and allowing more live streams per server
- 3rd party patent royalties are covered by MainConcept (to MPEG LA, HEVC Advance, Velos Media), for MainConcept Hybrid HEVC Encoder Plugin for FFmpeg

MainConcept HEVC/H.265 also comes in a full-featured SDK.
[Click here](#) to read the MainConcept HEVC/H.265 SDK datasheet.

MainConcept FFmpeg Plugins are [free to try](#) and easy to integrate.
It's never been so easy to upgrade your workflow.