Etere
a consistent system

Etere Supports GPU-Powered Interlaced Video Transcoding and Encoding

Etere redefines interlaced video processing with its GPU-Powered transcoding. Delivering unmatched performance, it expands codec support to industry-leading formats including H.264, HEVC, and AV1. With higher throughput and intelligent metadata management, Etere ensures faster and more efficient workflows.

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Etere logo

Etere transcoder

Etere sets a new standard in interlaced video processing with GPU-Powered Transcoding. It introduces expanded codec support (H.264, HEVC, AV1), higher throughput, and advanced metadata handling. In addition, it is optimized for the latest GPUs. Its main advantages are faster video processing, broader format compatibility, and improved performance for professional video applications.

Key Advantages:
Expanded Codec Support including,
■**H.264:** Adds interlaced, 10-bit, and 4:2:2 encoding
■**HEVC:** Supports 4:2:2 encoding and MultiView (MV-HEVC)
■**AV1:** Gains long-term reference (LTR) frames, temporal layering, and advanced metadata (MaxCLL, Mastering Display, ITU-T T.35 SEI)
Advantage: Developers can deliver higher-quality video streams with richer color formats and advanced compression efficiency

Performance Boosts
■ 2× throughput for H.264 decoding on GPUs
■ Maximum resolution support up to 8192×8192 pixels
Advantage: Faster video playback and processing, enabling ultra-high-resolution workflows (8K and beyond)

Professional Metadata & Layering
■ Support for HDR metadata (MaxCLL, Mastering Display)
■ Temporal layer encoding for AV1/HEVC
Advantage: Better integration with broadcast standards and adaptive streaming technologies

Dynamic Resource Management
■ Dynamic decode surface allocation
Advantage: More efficient GPU memory usage, reducing overhead in multi-stream scenarios

This latest Etere upgrade delivers cutting-edge performance, making it an essential solution for 8K video production, HDR workflows, adaptive streaming, and professional broadcasting. With advanced capabilities designed to meet the demands of next-generation media, it empowers broadcasters and media owners to achieve unparalleled quality, efficiency, and scalability.

About Etere

Since its beginnings in 1987, Etere has been preparing users for the future. Etere is a worldwide provider of broadcast and media software solutions backed by its mark of excellence in system design, flexibility, and reliability. The revolutionary concept of Etere Ecosystem promotes real-time collaborations and enhances operational efficiency across the entire enterprise. Etere Ecosystem software solutions manage the end-to-end media workflow and feature an integrative Web and Windows architecture that is customizable to fit perfectly in any system.

Etere delivers on its service excellence commitment with a 24/7 worldwide support and inclusive software updates. Its digital technologies and market-proven remote/on-site services such as consultancy, training, installation, and demonstrations are ready to run with your business no matter where you are. Etere enhances your adaptability for the future and empowers you with the most innovative software tools to drive your business to greater heights.

To find a media management strategy that works for your business, visit www.etere.com

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