CALDERA

🟠 Production Management

HardwareAcceleration

OpenCL™

INCREASE PERFORMANCE WITH OPENCL™

The Hardware Acceleration option lets you take advantage of your computer's full capacity in order to dramatically speed up ripping and printing times.

The OpenCL (Open Computing Language) API allows CalderaRIP to access multiple processors simultaneously in order to perform parallel processing, which enables greater speed and efficiency.

Boost your computation power by using in parallel multi-core CPUs and GPUs from NVidia, AMD, Intel, and many more!

BENEFIT FROM FASTER PROCESSING POWER

Ripping an image file is a complex and power-hungry computation process. The more computing units are available with decent inter-unit communication speed, and the more powerful they are, the faster the ripping process will be.

All cores of central processing unit (CPU) and graphical processing units (GPU) can be used simultaneously to speed up the ripping process in CalderaRIP.

In other words, every station with multi-cores, fast communication and powerful recent GPUs can benefit from a better ripping performance when implementing the Hardware Acceleration option.

Indeed, thanks to the OpenCL™ technology, all central processing units (CPU) and graphics cards (GPU) are in sync with your production, enabling greater speed and efficiency. This option allows you to run more printers with fewer computers, RIP last-minute jobs and be ready to invest in the world of ultra-fast digital (single pass).

BENEFITS

BOOST YOUR PRODUCTION SPEED

OPTIMIZE YOUR PRINTER INVESTMENT

SAVE MONEY ON HARDWARE

Hardware Acceleration is available as an option for VisualRIP+, GrandRIP+ and TextilePro standard packages.
Please check whether your device is compatible with Hardware Acceleration here: caldera.com/supported-peripherals/
Please note that only halftone modes benefit from OpenCL.
More information: www.khronos.org/opencl