

IMG CXM GPU

# SEAMLESS USER INTERFACES

for consumer products

The IMG CXM GPUs are an update to the popular and highly scalable IMG BXE and BXM range and include the smallest GPU on the market to support Full HDR GUI. They bring new features and performance points to chip designers in the consumer market who want to provide the responsive, seamless graphical user interfaces that consumers want.



## Rapid rendering in a low area

Nearly 50% increase in performance density from IMG BXM GPUs.

## Smoother images

Support for 10bits RGBA / YUV delivers a full HDR graphical user interface with images with less visible banding. 4xMSAA efficiently smooths the outlines of texts and images.

## Advanced bandwidth management

TFBCv2, the new generation of Imagination's Tiny Frame Buffer Compression, delivers higher quality lossy / lossless compression and an additional compression level (37.5%) for improved design flexibility.

## Latest API support

The IMG CXM is based on a cutting-edge GPU architecture that embraces the latest API trends including Vulkan 1.3

## The GPU-of-choice for RISC-V consumer products

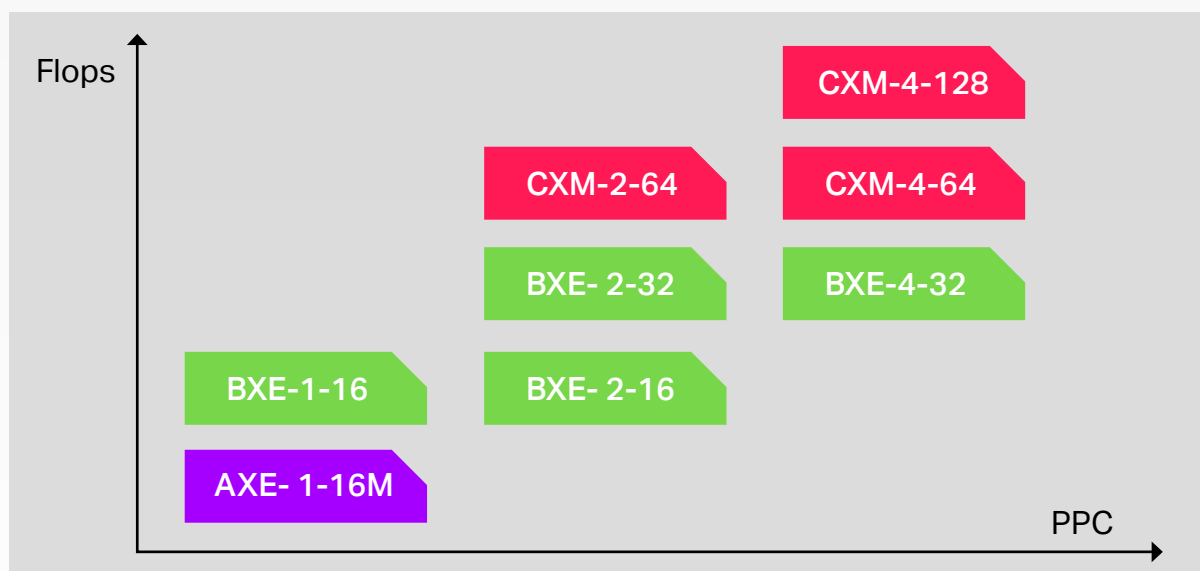
Imagination GPUs are the perfect partner to RISC-V CPUs. Our DDK has been optimised to support RISC-V, Arm and x86 architectures, and Imagination GPUs have already been successfully deployed within many RISC-V based SoCs.

## Gesture recognition at the edge

IMG CXM's small footprint opens space on the chip for SoC providers to combine its GPU compute capabilities with additional artificial intelligence hardware and bring advanced functions, such as gesture recognition, to consumers.

## Efficient GPUs from Imagination

- ▶ Full range of performance points
- ▶ 1-4PPC
- ▶ 16-128 FLOPS
- ▶ Finetuned base configuration for area efficiency



Go to [imaginationtech.com](https://www.imaginationtech.com) to find out how IMG CXM can help you