# FPGA-based Intelligent Video Projection Fusion equipment

## Design

- Multiple video processors, multiple FPGAs, multiple ARMs, multiple DDR3 architectures.

- Using multiple high-speed data signal designs to improve data communication and processing efficiency from the hardware level.

- combination of multiple boards and utilizing the advantages of FPGA parallel processing
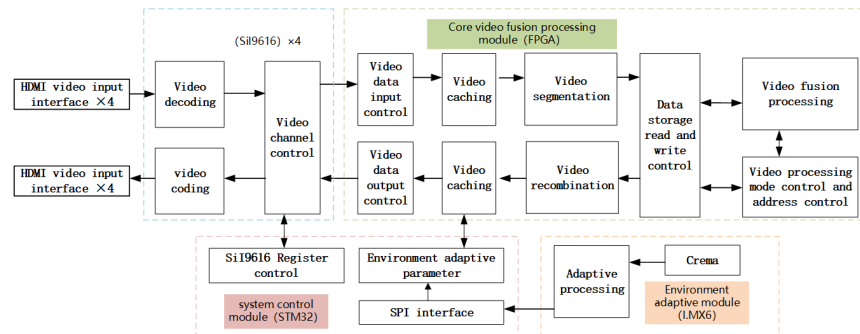
## Results

- Acquiring environmental information through a camera, intelligently identifying the environment, and implementing self-adaptive environment

- Support multi-channel 4K ultra-high-definition video parallel processing and multi-board cooperation, multi-channel video input and output expansion.

AMD