



FUTURIS

GPU & FPGA Image Processing Board

NVIDIA Jetson GPU and AMD UltraScale FPGA on the same board. A highly capable video, data, and signal processing solution for a wide range of platforms, featuring a flexible architecture with AMD UltraScale FPGA and NVIDIA Jetson GPU options.

- Real-time video and image compression
- Transfers video data between the FPGA and NVIDIA Jetson Orin GPU for various image processing applications
- Provides multiple GPIO and industry-standard interfaces, including USB 2.0, USB 3.0, DisplayPort, and Gigabit Ethernet
- 28 VDC supply input

Specs

- Nvidia Jetson Xavier compatible carrier board
- 8-lane PCIE Gen.3 interface between Orin and FPGA
- 4GByte DDR4 RAM for FPGA
- Gigabit Ethernet
- x4 SFP+ connector
- Display Port Output
- x2 USB 3.0
- x2 USB 2.0
- MIPI expansion connector
- GPIO interface connector
- 28VDC supply
- SD Card

