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Xilinx Kintex UltraScale FPGA KCU1500 Acceleration Development Kit
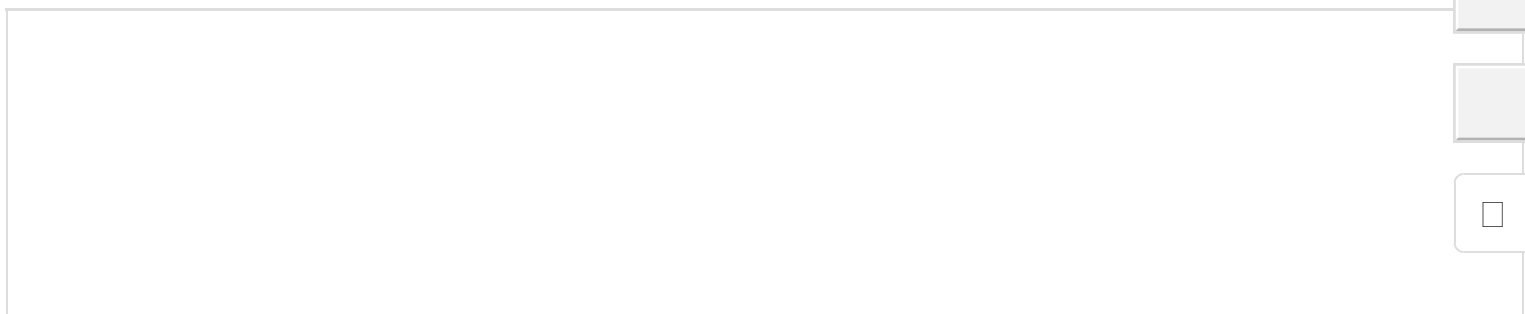
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Product Description

The Kintex® UltraScale™ FPGA Acceleration Development Kit is an excellent starting point for hyperscale application developers. This kit is based on a production-ready PCI card accessible in the cloud with the frameworks, libraries, drivers and development tools to support easy application programming with OpenCL, C, C++ through SDAccel. Get started in the cloud, with this physical kit or both to move through development with Xilinx and go to production with one of Xilinx's ecosystem partners.

Device Support: Kintex UltraScale

Key Features & Benefits

- Specialized reprogrammable hardware for computationally intensive applications, specifically targeting the fast-growing markets for live video transcoding, data analytics, and artificial intelligence (AI) applications using machine learning
- Single slot PCIe® half-length full height form-factor
- Delivers 10-30x performance acceleration over traditional CPUs with a card designed to support 75W
- Supported with SDAccel™ Development Environment for OpenCL, C, C++
- Open Sources examples
- SDAccel Platform Reference Design for custom board support

What's Included

- KCU1500 board featuring the XCKU115-2FLVB2104E
- Voucher providing access to underlying programming tools; Vivado and SDAccel
- USB Cable

Part Number: DK-U1-KCU1500-A-G

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