**FPGA System hardware setup.**

A) These are the parts we ordered:

[Xilinx Kintex UltraScale FPGA Board - $2,995](https://www.xilinx.com/products/boards-and-kits/kcu105.html)

[Texas Instruments ADC34J45 Quad-Channel, 14-Bit, 160-MSPS Analog-to-Digital Converter Evaluation Module](http://www.ti.com/tool/ADC34J45EVM#buy) - $299.00

[Texas Instruments DAC37J84 Quad-Channel, 16 bit, 1.6-GSPS, 1x - 16x interpolating DAC Evaluation Module - $599.00](http://www.ti.com/tool/DAC37J84EVM)

[Lian Lix PCI-e Extender Cable Kit](https://www.amazon.com/Lian-Li-Express-Adapter-Extender/dp/B071KR8VH1/ref=sr_1_1?s=electronics&ie=UTF8&qid=1524187099&sr=1-1&keywords=pcie+gen3+extender) - $89.99

B) The host PC is a Windows system. The quote for the workstation we ordered is in

FPGASystemHostPCQuote.pdf. It cost us about $3600 in 2018.