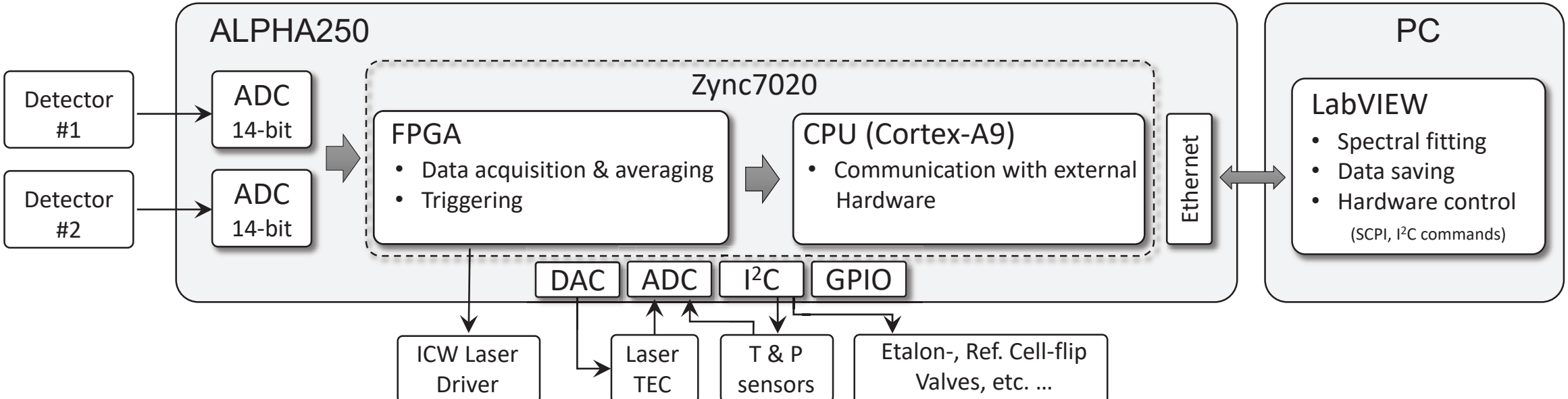
ALPHA250
Detector #1
Detector #2
ADC 14-bit
ADC 14-bit
Zync7020
FPGA
• Data acquisition & averaging
• Triggering
CPU (Cortex-A9)
• Communication with external Hardware
Ethernet
PC
LabVIEW
• Spectral fitting
• Data saving
• Hardware control
(SCPI, I²C commands)
DAC
ADC
I²C
GPIO
ICW Laser Driver
Laser TEC
T & P sensors
Etalon-, Ref. Cell-flip Valves, etc. ...