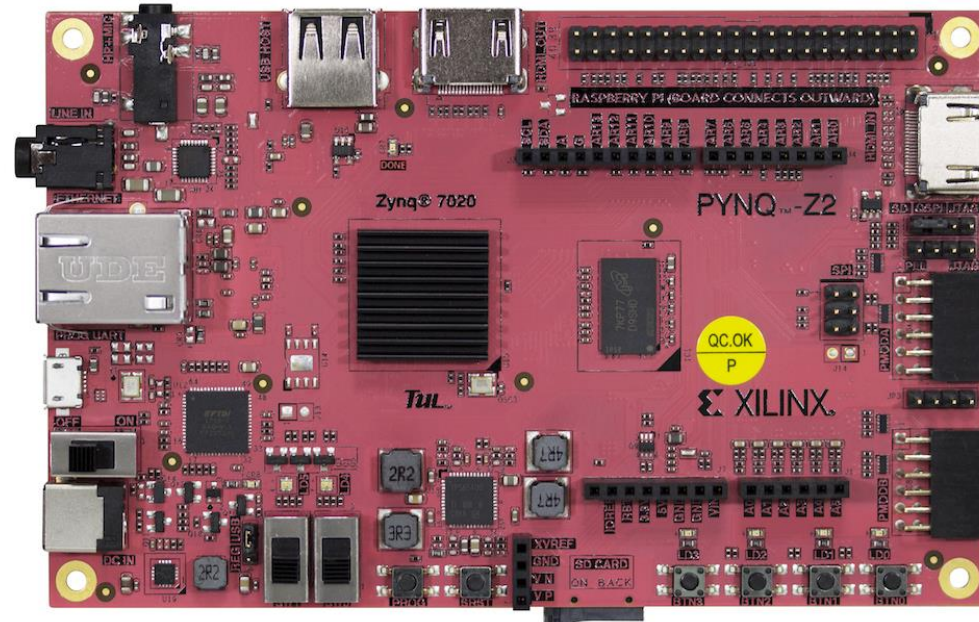
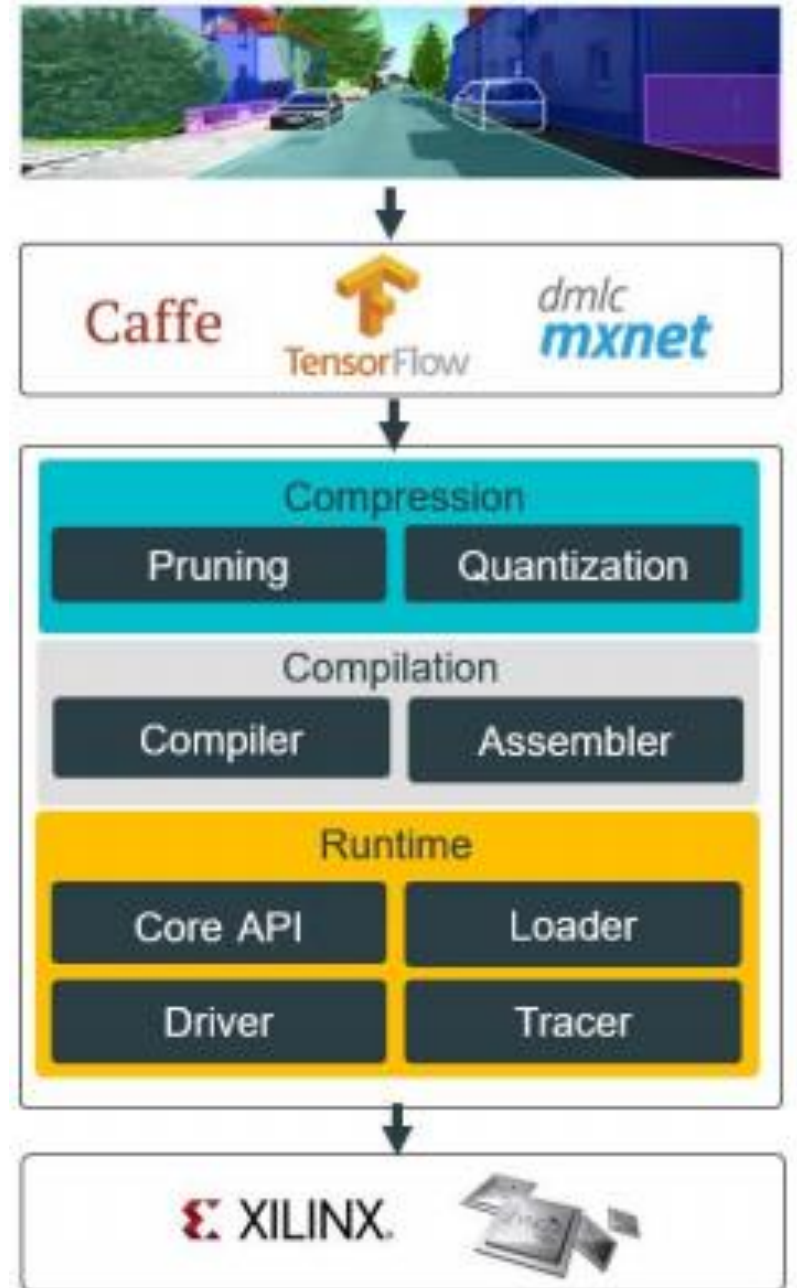


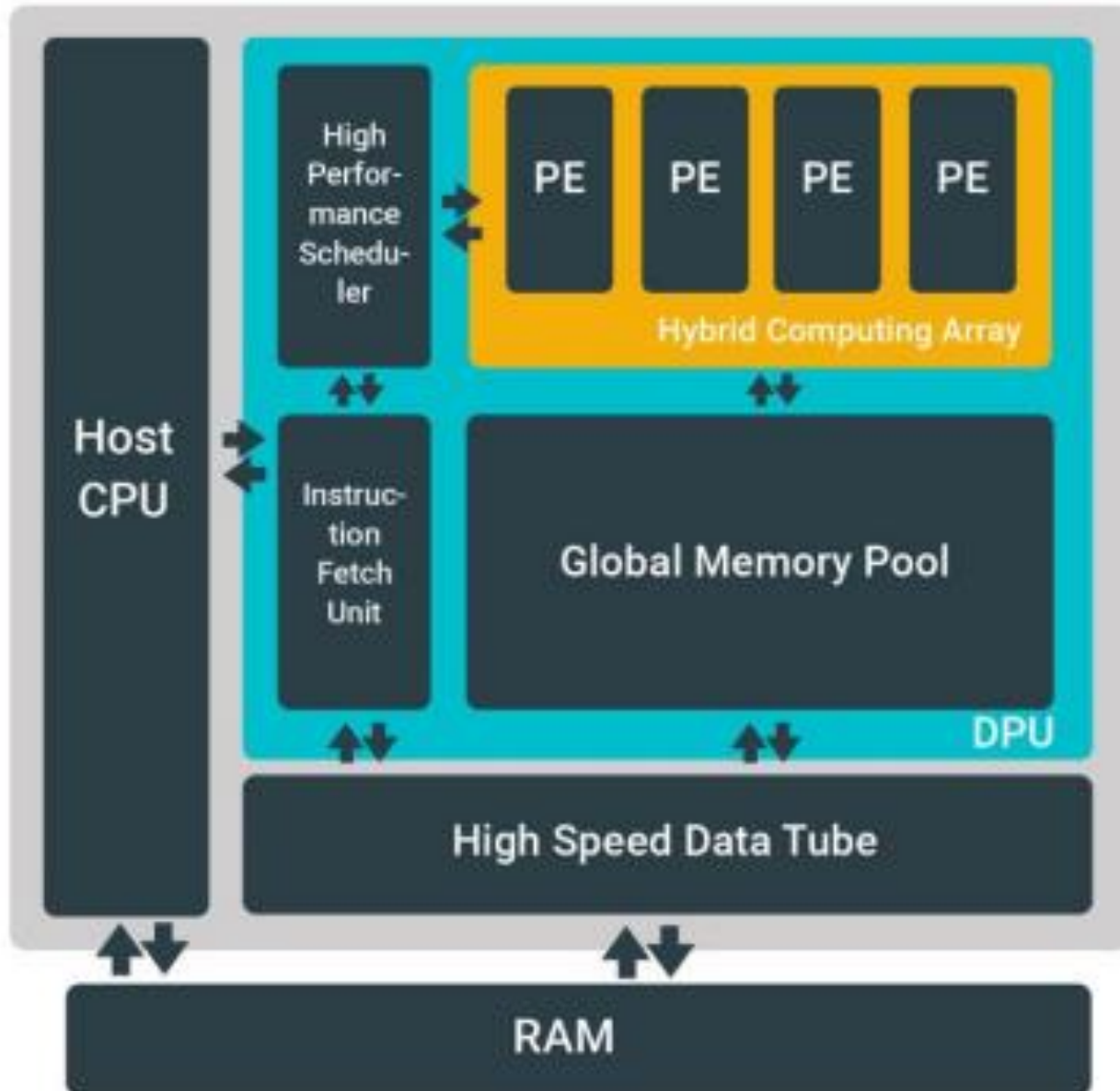
The PYNQ-Z2 is a Zynq development board designed to be used with the PYNQ™, an open-source framework.



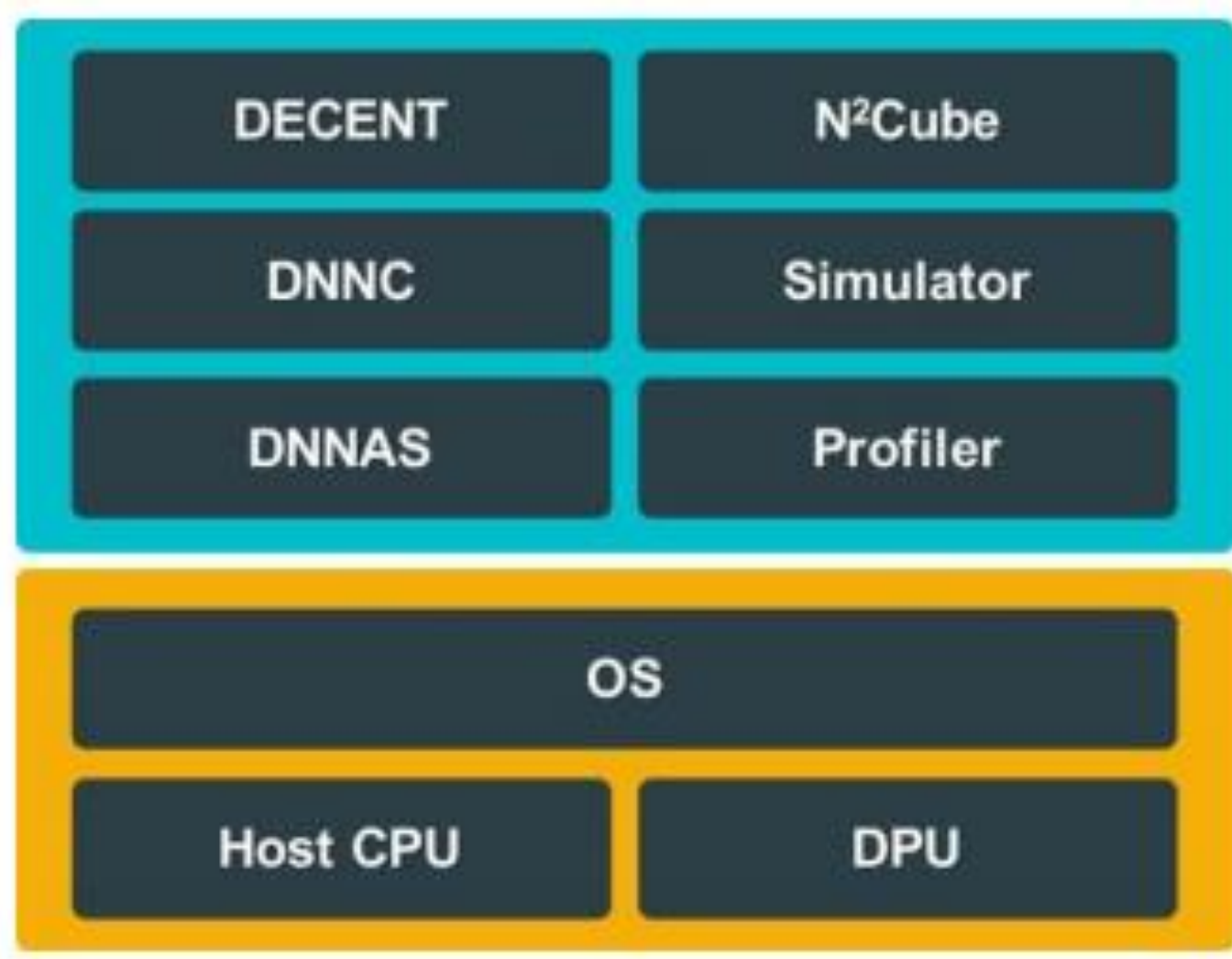
- A complete set of optimized tool chains, including compression, compilation and runtime.
- Lightweight C/C++ programming APIs.
- Easy-to-use with gradual learning curve



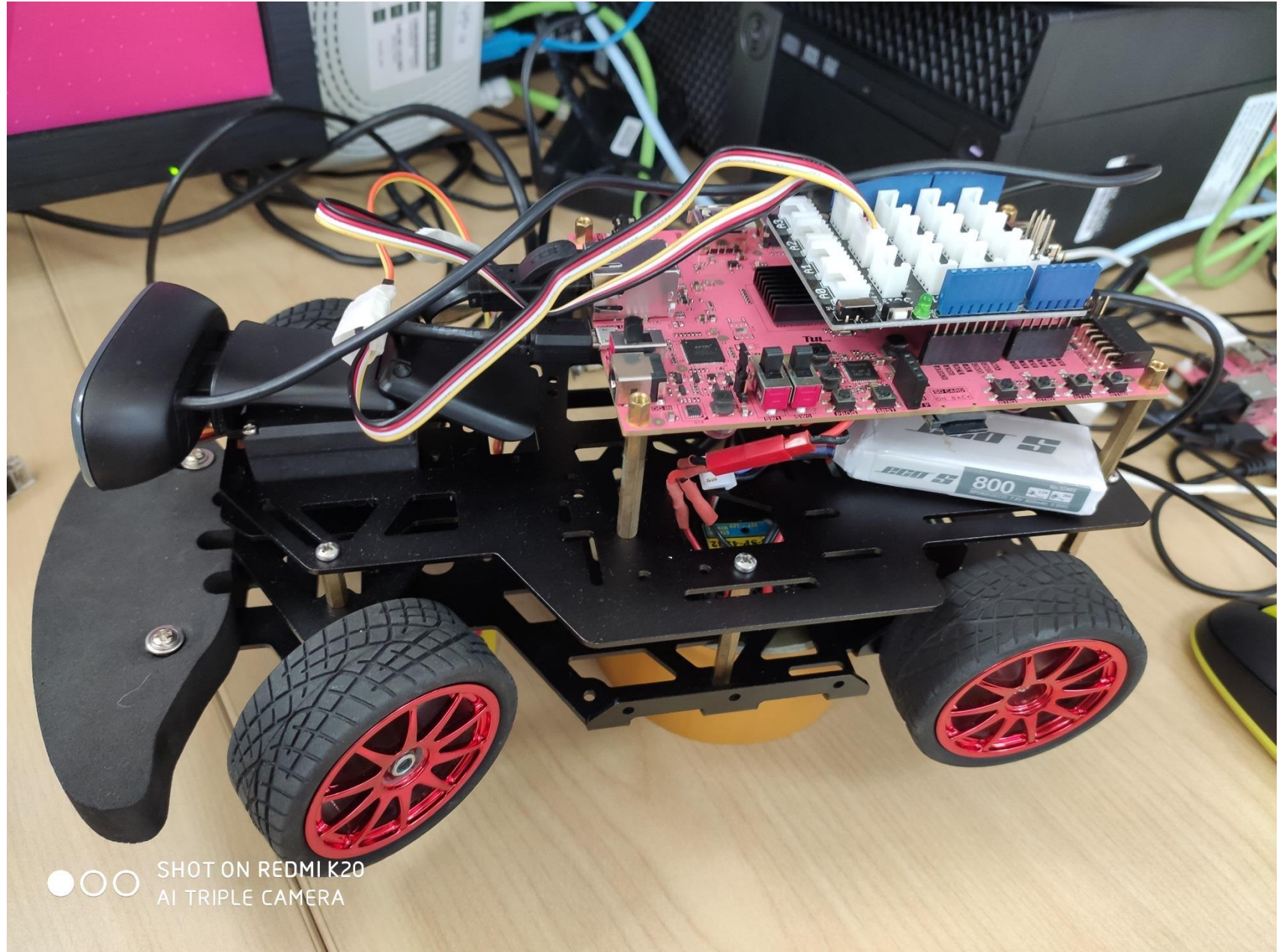
- The DPU is designed to accelerate the computing workloads of deep learning inference algorithms widely adopted in various computer vision applications



- DNNDK is composed of Deep Compression Tool (DECENT), Deep Neural Network Compiler (DNNC), Deep Neural Network Assembler (DNNAS), Neural Network Runtime (N2Cube), DPU Simulator, and Profiler

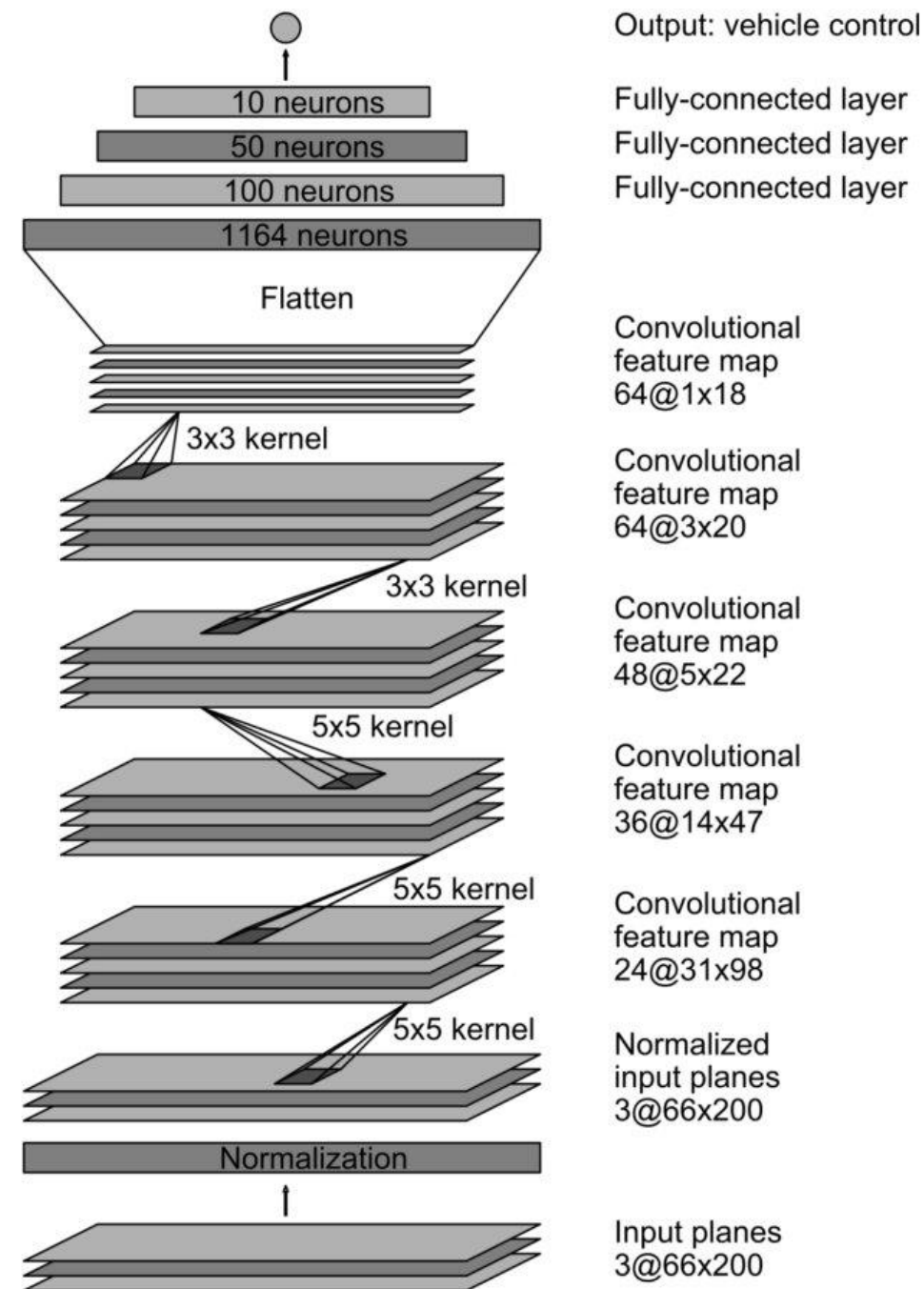


The car.



SHOT ON REDMI K20
AI TRIPLE CAMERA

- End-to-End Model
- Input the image
- Output the control command



• Project Structure



- Easy to use and extend
- Use DPU to accelerate
- End-to-End solution