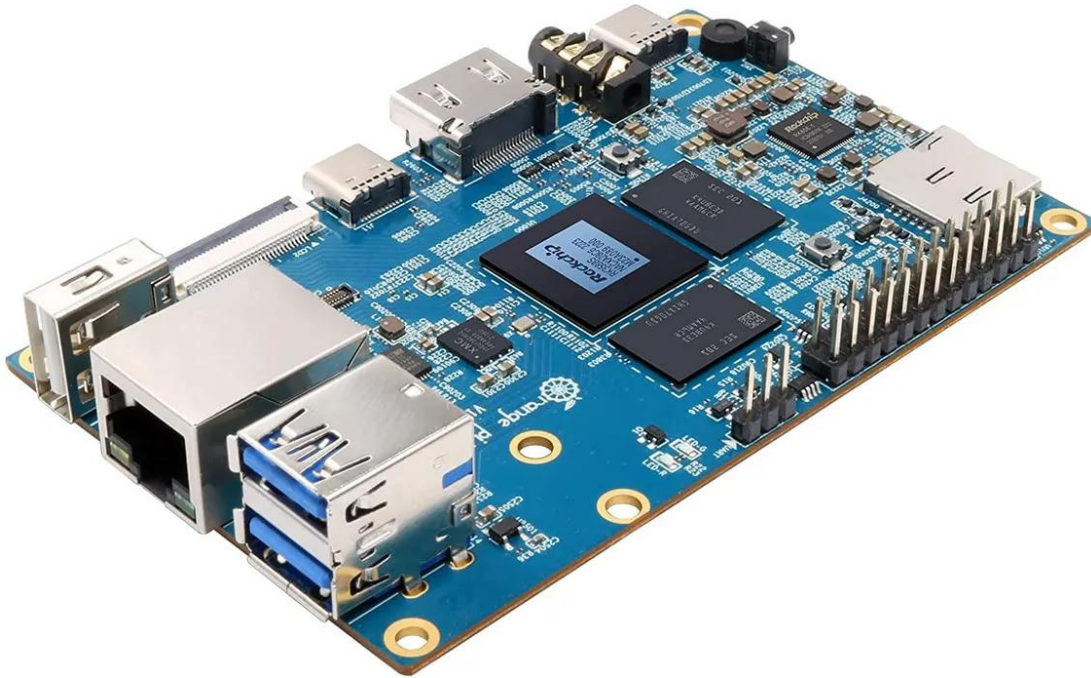


HERMES

DNN INFERENCE PROPAGATION UNDER
THERMAL CONSTRAINTS VIOLATION



EDGE



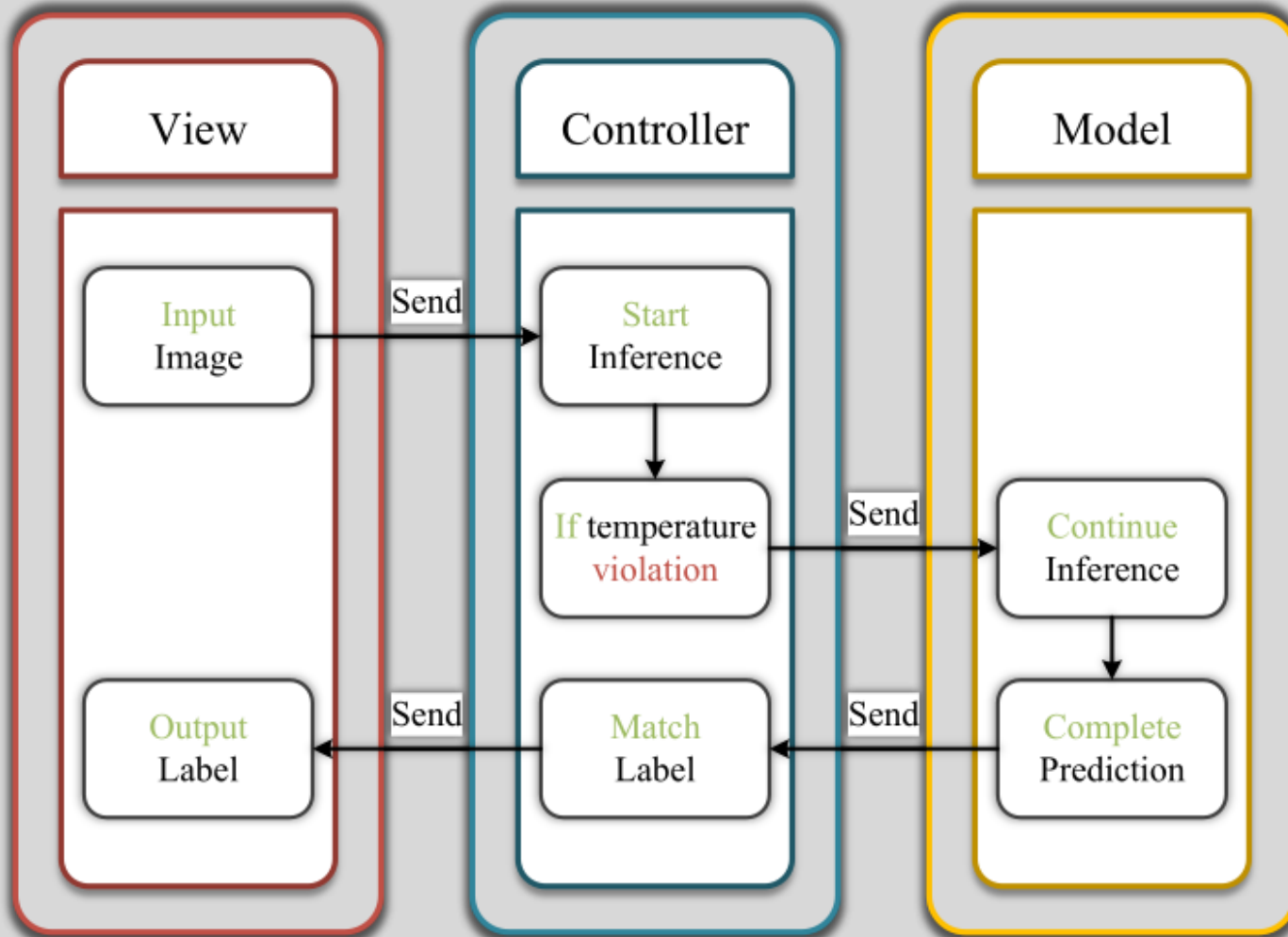
- Orange Pi 5
 - CPU: 8-core x64 architecture:
 - 4 Cortex-A76 @ 2.4GHz
 - 4 Cortex-A55 @ 1.8GHz
 - GPU: ARM Mali-G610:
 - Mid-range GPU for smartphones and other mobile devices
 - 4 graphics processing cores
 - NPU: 6 Tops AI computing power, empowering various AI scenarios
 - RAM: 16 GB

CLOUD

- Alienware Aurora R9, a high-end gaming desktop computer
 - CPU: Intel® Core™ i7-9700 Processor:
 - 8 cores @ 4.70 GHz
 - GPU: x2 NVIDIA GeForce RTX 2070 SUPER
 - 2560 NVIDIA CUDA® Cores
 - Boost Clock @ 1.77 GHz
 - 8 GB GDDR6 Memory
 - RAM: 64 GB DDR4



Hermes: Sequence Diagram



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