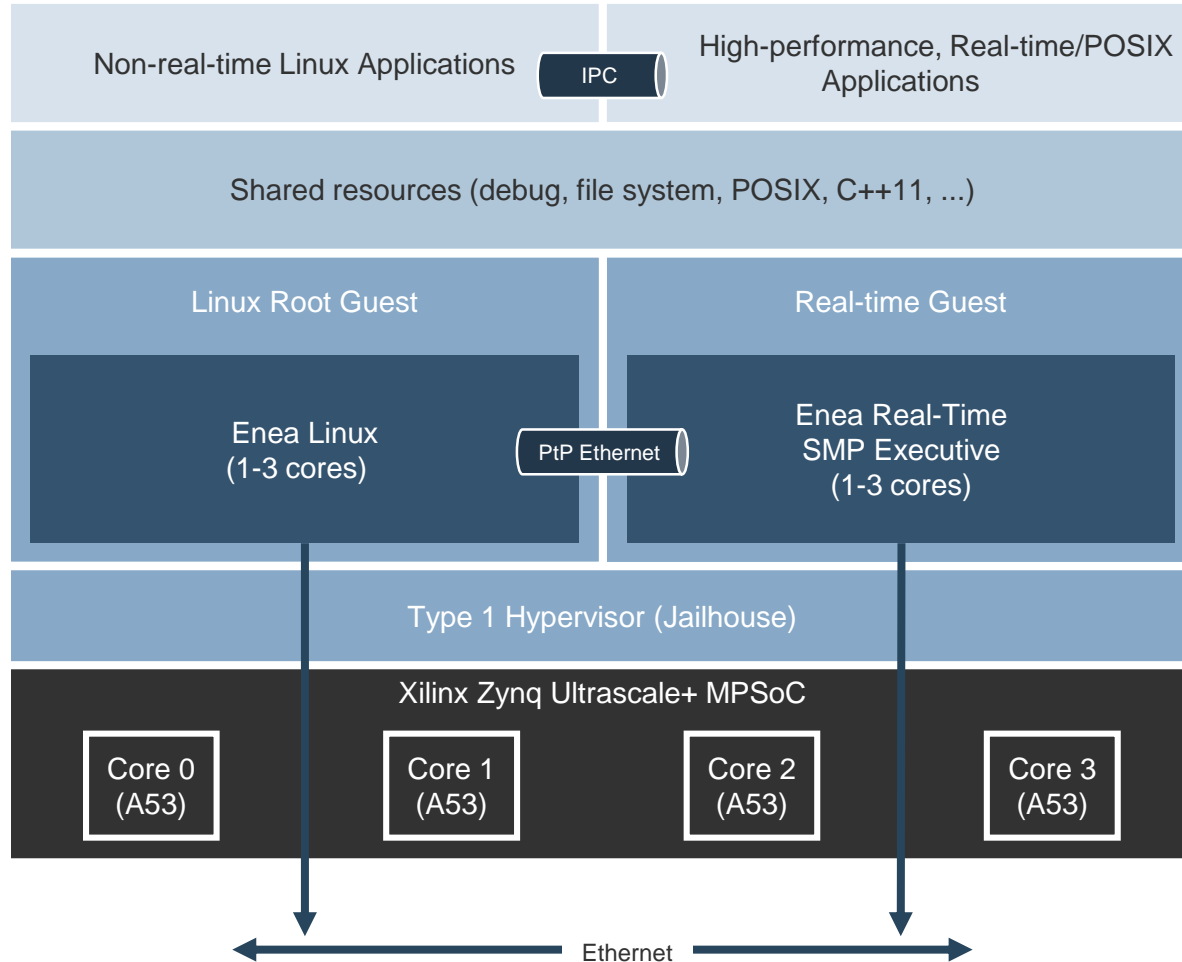


# ACCELERATED LINUX

## Reference Implementation on Xilinx Zynq Ultrascale+



- ▶ **Standard SMP Linux alongside a real-time SMP executive**
  - ▶ Combines the feature richness and ecosystem of Enea Linux with strict real time characteristics
- ▶ **Real time partition provides:**
  - ▶ High performance
  - ▶ Low latency
  - ▶ Deterministic behavior
- ▶ **Flexible configuration**
  - ▶ Assign cores to Linux or the real-time executive based on application needs
  - ▶ All Linux functionality available
  - ▶ Real time requirements met
  - ▶ No special co-processors needed
- ▶ **Debug and profiling tools**
  - ▶ No "black boxes"
  - ▶ Productivity and precise tuning