

21unity Goes Open POWER

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Collabora
Online

Technical Day
COOL
—days—



OpenPOWER Foundation

- Founded in 2013
- 350+ Global Members
- OpenPOWER Foundation is a non-profit organisation serving its member companies and the open hardware industry
- Fully open sourced POWER ISA in 2019
- Mission:
To accelerate adoption of OpenPOWER ISA and Open Technology at large
- To drive technology innovation through specifications, compliance tests and product SIGs
- To grow overall ecosystem and members
- To facilitate community engagement and visibility





What is OpenPOWER?

OpenPOWER is a high performance RISC-based free and open Instruction Set Architecture.

- With 30 year proven computing history
- Completely driven by open collaboration through the foundation
- Enabling freedom of design across all domains and industries
- Including reference designs, tools and resources to de-risk development



Why Open Hardware?

Open hardware removes key barriers:

- Design risk
- Cost of entry
- Partner limitations
- Supply chain

Open model driving future for semiconductor industry

Domain specific computing:

Performance gains will come from fundamental innovation in SoC only enabled through open collaboration

Industry consolidation:

Diversify supply chain risk
Ability to pick and choose designs / partners

Domestic tech innovation:

To own tech destiny
Not to be tied to a single company's roadmap



21unity and OpenPOWER

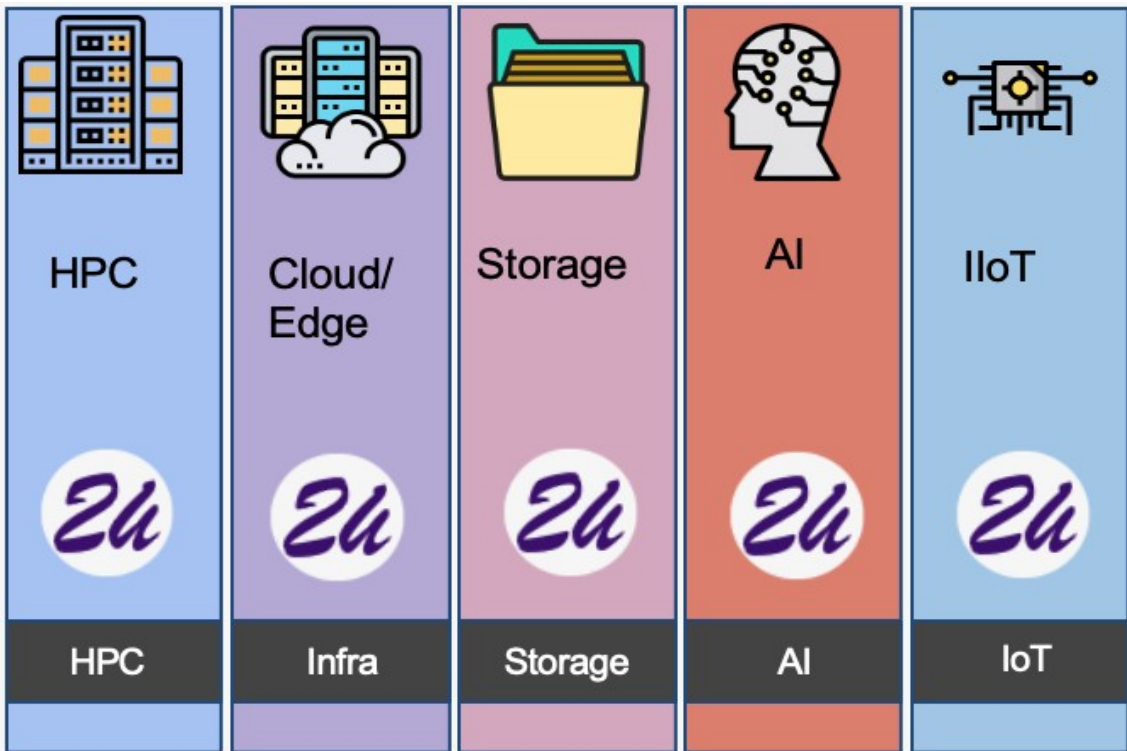
21unity is operating its own data center, based on Open POWER.

- 21unity Collaboration Cloud (Nextcloud Enterprise running with Collabora Online) and 21pro ERP (modular program that can easily grow with the needs of your company)
- More clients per core
- Improvised scalability and resource utilization
- Software and technology porting
- Own hardware designs
- Sustainable, energy saving and therefore environmental friendly

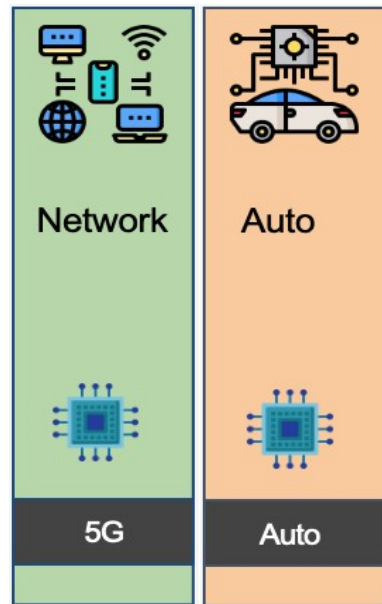


Open POWER Use Cases @21unity

Current use cases



Future use cases



Thank you!

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