SCIENCE HPC Center
Site Update

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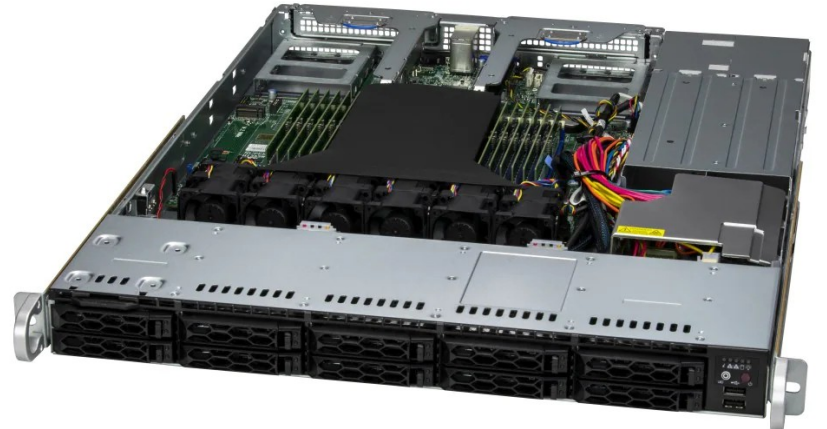
Last time...

Now

New datacenter

- Construction contract signed in the beginning of November.

- It should be finished in Q2 2024.

- Question

  - Is anyone using 3-phase 32A with a 30mA Residual Current Circuit Breaker (RCCB)?

Arc cache

- Now in production
  - 2x Supermicro 1115CS-TNR 1U
    - 1x AMD EPYC 9124 Genoa (16 core, 3.0 GHz)
    - 192GB memory
    - 4x Samsung NVMe PM9A3 - 3.84TB 2.5 1DWPD
    - 2x 100GbE Nvidia ConnectX-6

New tape pools

- Coming up...
  - 2x Dell R6515
    - AMD EPYC 7313P.
    - 64GB memory
    - 10x 3.84GB 1DWPD NVMe.
    - Dual 25GbE.

Tape library

- We hoped for a new IBM TS4500 library

  – Spectra Logic also started competing.

- We might have an LTO-8 upgrade of the old TS3500, due to lack of funding (DeIC not getting it).