

Arm – nvidia devkit nodes

- 4 ARM cpu – dual Nvidia GPU/Nvidia DPU nodes available
- Currently underused.
- Available to Dirac and local users wishing to test/optimize/benchmark codes on ARM CPU+nvidia GPU.
- Request access via SAFE.

Node specifications

- 4 GPU nodes
 - Single Ampere Altra processor – 80 cores
 - 512 GB memory
 - 2 x NVidia A100-40 GPUs
 - 2 x Nvidia Bluefield-2 DPUs (HDR)
 - 4 TiB NFS shared NVMe storage (40TiB parallel fs in new year).

Software

- Rocky 8
- Basic gnu toolchain installed
- Nvhpcx/cuda 11+12 installed
- Can run containers via singularity/apptainer
- Access to nodes from x86-64 login node via SLURM.

Request Access

- Via SAFE
- Request access to project cl01..cl04
- ~1 week to grant access and send link to docs.
- Uses the same MFA/password as DiaL2/DiaL3.

Contacts

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