

# oneAPI

- [Industry specification](#) from Intel
  - Language and libraries to target programming across diverse architectures (DPC++, APIs, low level interface)
- [Intel oneAPI](#) products and toolkits
  - **Languages**
    - Fortran (w/ OpenMP 5+)
    - C/C++ (w/ OpenMP 5+)
    - DPC++
    - Python
  - **Libraries**
    - oneAPI MKL (oneMKL)
    - oneAPI Deep Neural Network Library (oneDNN)
    - oneAPI Data Analytics Library (oneDAL)
    - MPI
  - **Tools**
    - Intel Advisor
    - Intel VTune
    - Intel Inspector



<https://software.intel.com/oneapi>

# Available Aurora Programming Models

- Aurora applications may use:

- DPC++/SYCL
- OpenMP
- Kokkos
- Raja
- OpenCL

- Experimental

- HIP

- Not available on Aurora:

- ~~CUDA~~
- ~~OpenACC~~



**HIP**

