

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

