Tachyum Prodigy™ C/C++/Fortran SDK License

Tachyum’s Prodigy is first Universal Processor combining General Purpose Processors, High Performance Computing (HPC), Artificial Intelligence, Deep Machine Learning, Explainable AI, Bio AI, and other AI disciplines with a single chip. It allows for a simple programming model and environment based on coherent multiprocessor environment.

Specifications
- Instruction Set Architecture 0.7
- Assembler, Linker, Loader manual
- Debugger manual

Simulators
- Architectural transactional simulator
- Cycle approximate simulator
- Dynamic binary translator to x64

Tools
- Assembler
- Disassembler
- Linker
- Debugger
- Loader
- GLIBC port

Compilers
- C/C++ compiler
- Fortran compiler
- TensorFlow

Coming 1Q2020
- FPGA hardware emulator (purchased separately)
- Releasing port of GCC
- SDK support

Coming 2Q2020
- OpenMP
- Port of GCC compiler toolchain
- Port of LLVM compiler toolchain
- Java JIT
- Free BSD Linux

Coming 3Q2020
- UEFI
- Dual socket reference board (purchased separately)

Operating System
- Linux port