

ANSYS Fluent – for ARM

Fluent is a **versatile CFD software tool** widely used in automotive, aerospace, academia, oil & gas, marine and Formula 1 racing.

Market leader in parallel HPC scalability - achieved >80% efficiency running at ~172K cores.

We constantly evaluate and **optimize** Fluent on new emerging technologies for both **hardware** and **software**.

Benchmarking platforms (HPE HPC Team)

HPE Apollo 70 system – Arm® v8.1
ARx4z Cavium ThunderX2 CN9980
2.2 GHz, 256 GB RAM
Dual-socket: **64 physical**, 256 logical
Open MPI v3.1.2

Intel Skylake (Xeon® Gold 6148)
2.4 GHz, 192 GB RAM
Dual-socket: **40 physical**, 80 logical
IBM MPI v9.1.4

Evaluation prototype available on request.

