

COMPUTE-LIMITED

HPL
BENCHMARK

MS-SCALE MOLECULAR
DYNAMICS

MOOSE JFNK

CLIMATE &
WEATHER

PARAELLIP3D-CFD
(10K PARTICLES/CORE)

PHASTA

PARAELLIP3D-CFD
(1M PARTICLES/CORE)

ALGEBRAIC MULTIGRID

HPCG & STREAM
BENCHMARKS

BANDWIDTH-LIMITED

LATENCY

THROUGHPUT