Benchmark	Domain	Dense LA	Sparse LA	Spectral	Particle	Structured Grid	Unstructured Grid	Monte Carlo
						Dwarfs		
Amber*	MD			●	●			
Arbor	Neurosci.	●	●		●		●	
Chroma-QCD	QCD		●			●		●
GROMACS	MD			●	●			
ICON	Climate		●			●		
JUQCS	QC		●					
nekRS	CFD		●	●			●	
ParFlow*	Earth Sys.		●			●		
PIConGPU	Plasma				●	●		
Quantum Espresso	Materials Sci.	●		●	●			
SOMA*	Polymer Sys.			●	●			●
MMoCLIP	AI (MM)	●						
Megatron-LM	AI (LLM)	●						
ResNet*	AI (Vision)	●						
DynQCD	QCD		●			●		●
NAStJA	Biology					●		●
Graph500	Graph	*Graph Traversal (D. 9)*						
HPCG	CG		●					
HPL	LA	●						
IOR	Filesys.	*Input/Output*						
LinkTest	Network	*P2P, Topology*						
OSU	Network	*Message Exchange, DMA*						
STREAM	Memory	*Regular Access*						