

| Benchmark      | Application Domain                  | Input                                     | Cache type |
|----------------|-------------------------------------|---|------------|
| b+tree         | Tree data structure                 | One-million size database query           | Software   |
| bfs            | Breadth first search                | One-million node graph                    | Texture    |
| cfđ            | Computation fluid dynamics          | 97K, 193K, and 0.2M node meshes           | Software   |
| gaussian       | Gaussian elimination                | Linear system with 1024 unknown variables | Software   |
| particlefilter | SMC for posterio density estimation | Tracking of 1000 particles                | Software   |
| streamcluster  | Data stream clustering              | 65,536 data points                        | Software   |
| CG             | Sparse matrix multiplication        | Various size input matrices               | Both       |