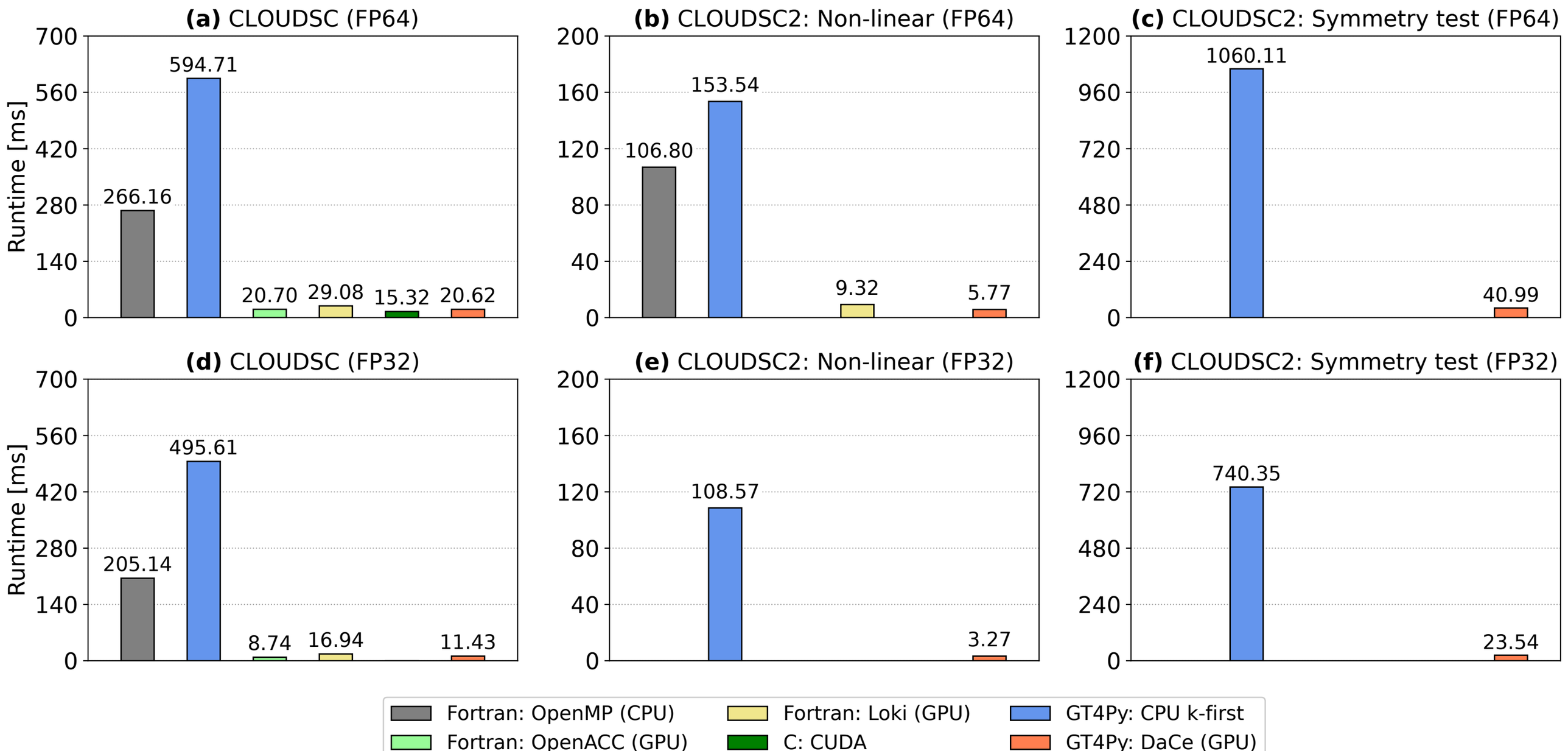
(a) CLOUDSC (FP64)
(b) CLOUDSC2: Non-linear (FP64)
(c) CLOUDSC2: Symmetry test (FP64)
(d) CLOUDSC (FP32)
(e) CLOUDSC2: Non-linear (FP32)
(f) CLOUDSC2: Symmetry test (FP32)
Runtime [ms]
266.16
594.71
20.70
29.08
15.32
20.62
106.80
153.54
9.32
5.77
1060.11
40.99
205.14
495.61
8.74
16.94
11.43
108.57
3.27
740.35
23.54
Fortran: OpenMP (CPU)
Fortran: OpenACC (GPU)
Fortran: Loki (GPU)
C: CUDA
GT4Py: CPU k-first
GT4Py: DaCe (GPU)