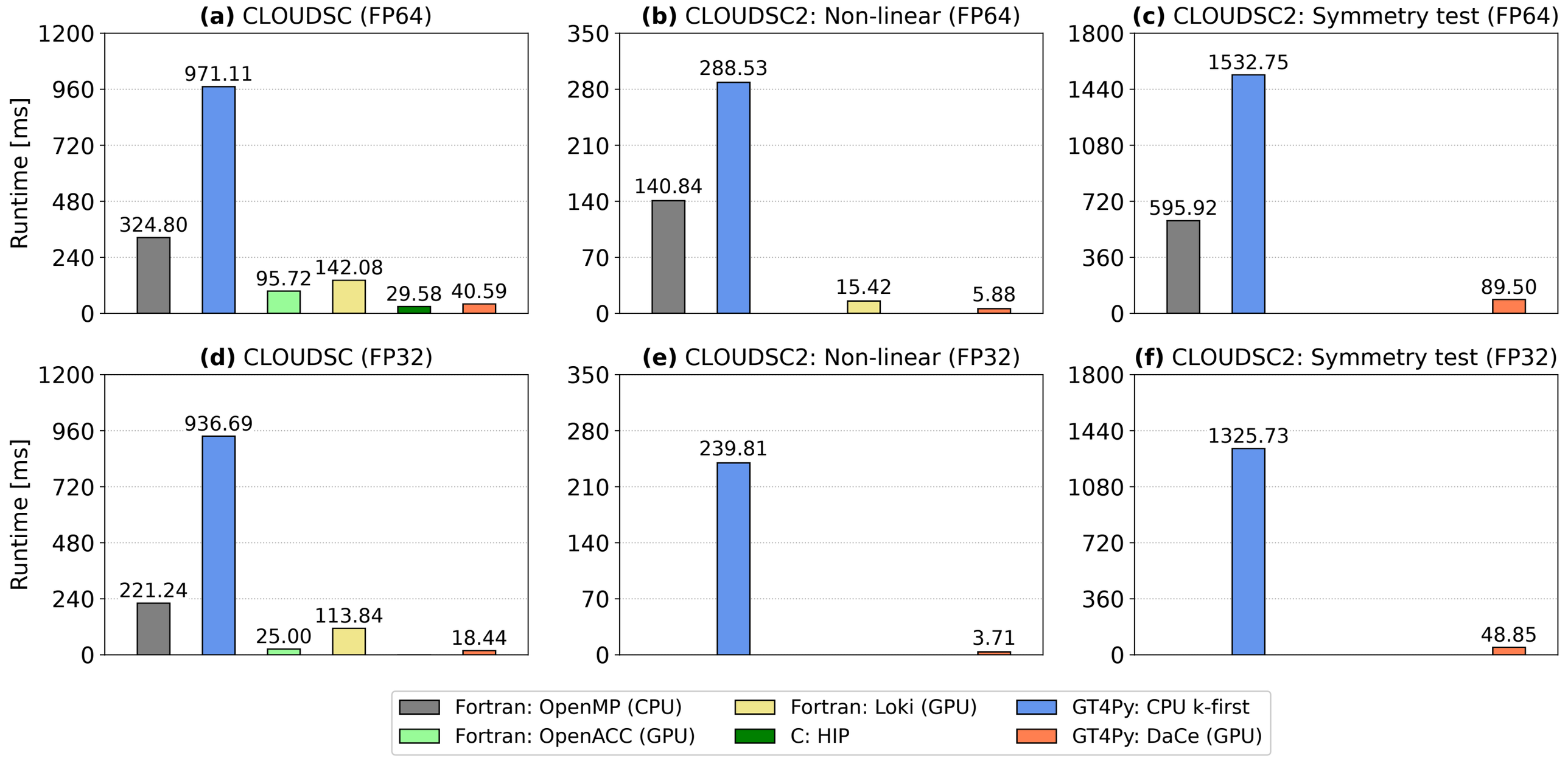
(a) CLOUDSC (FP64)
(b) CLOUDSC2: Non-linear (FP64)
(c) CLOUDSC2: Symmetry test (FP64)
(d) CLOUDSC (FP32)
(e) CLOUDSC2: Non-linear (FP32)
(f) CLOUDSC2: Symmetry test (FP32)
Runtime [ms]
324.80
971.11
95.72
142.08
29.58
40.59
140.84
288.53
15.42
5.88
595.92
1532.75
89.50
221.24
936.69
25.00
113.84
18.44
239.81
3.71
1325.73
48.85
Fortran: OpenMP (CPU)
Fortran: OpenACC (GPU)
Fortran: Loki (GPU)
C: HIP
GT4Py: CPU k-first
GT4Py: DaCe (GPU)