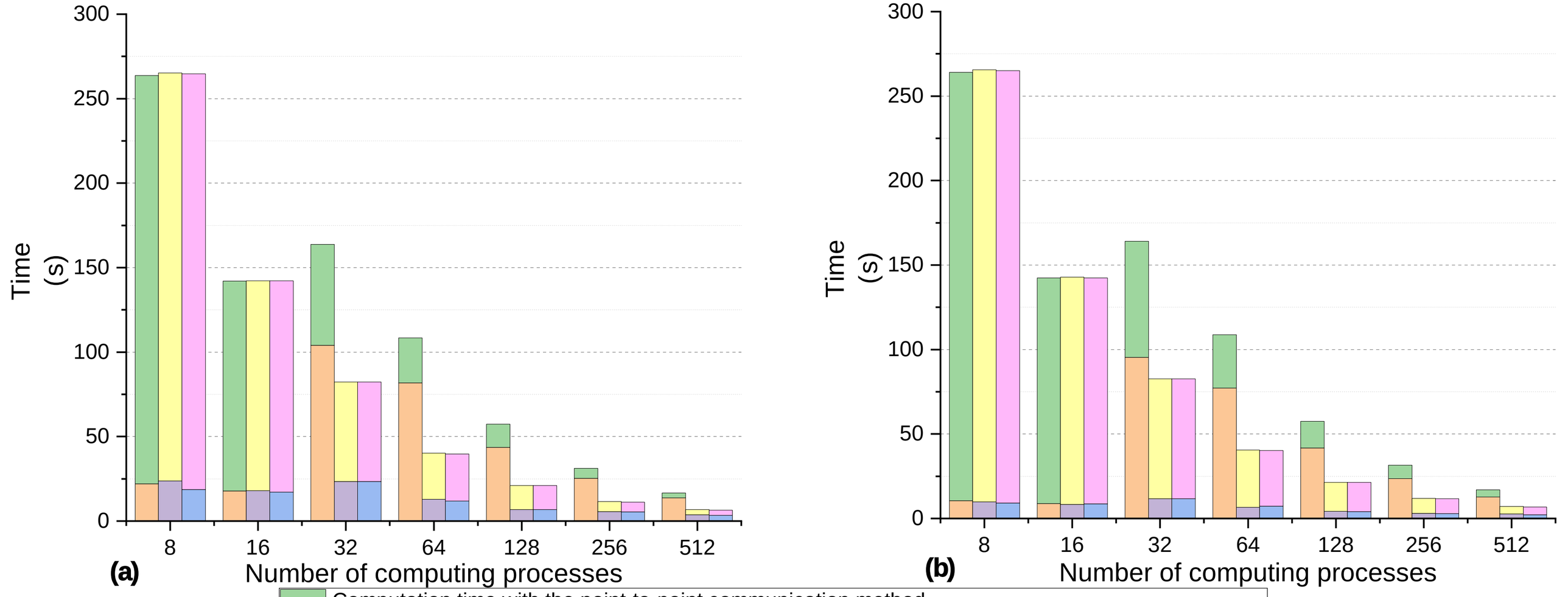
Time (s)
300
250
200
150
100
50
0
8
16
32
64
128
256
512
(a)
Number of computing processes
(b)
Number of computing processes
Computation time with the point-to-point communication method
Communication time with the point-to-point communication method
Computation time with the distributed graph communication topology without reordered processes
Communication time with the distributed graph communication topology without reordered processes
Computation time with the distributed graph communication topology with reordered processes
Communication time with the distributed graph communication topology with reordered processes