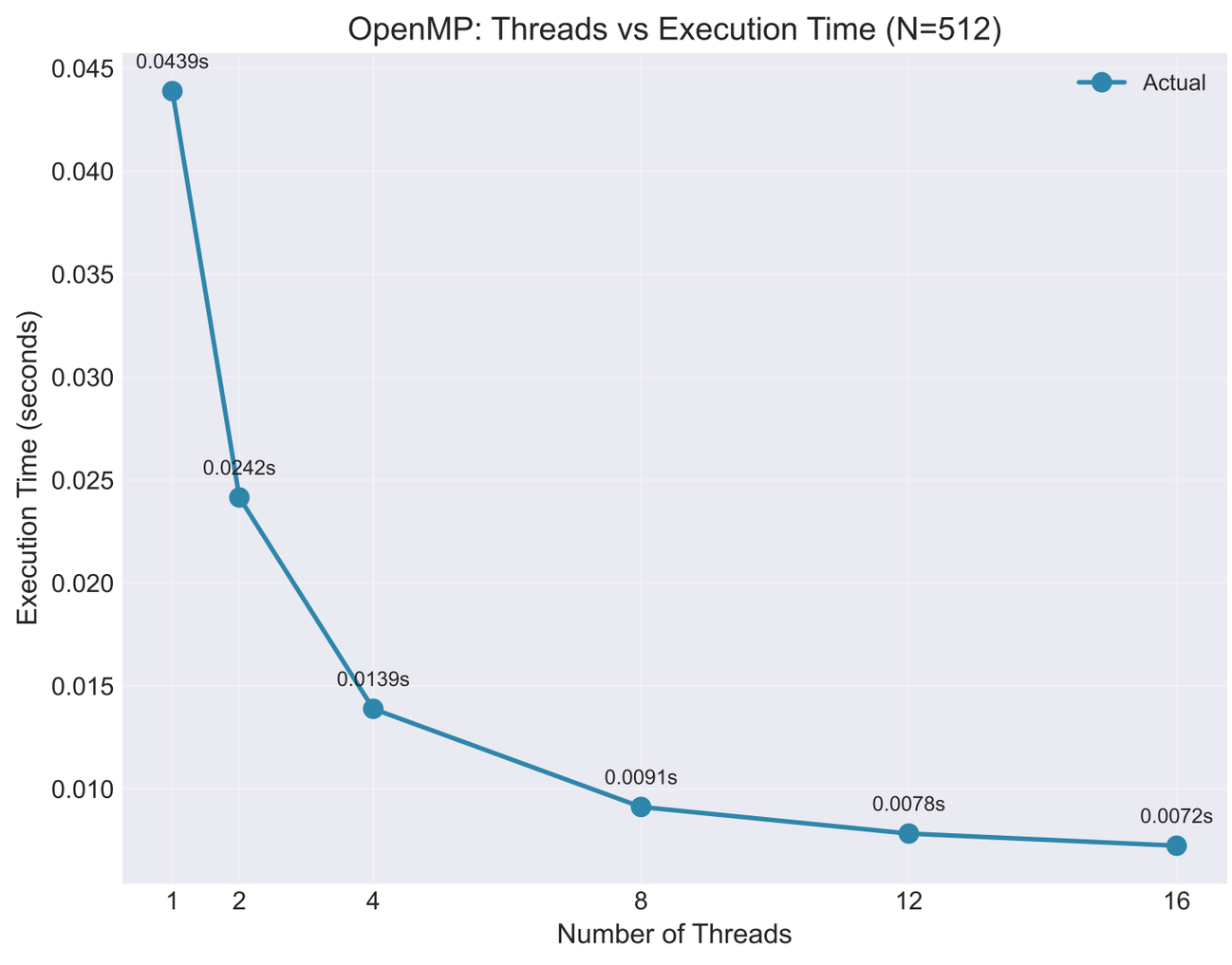
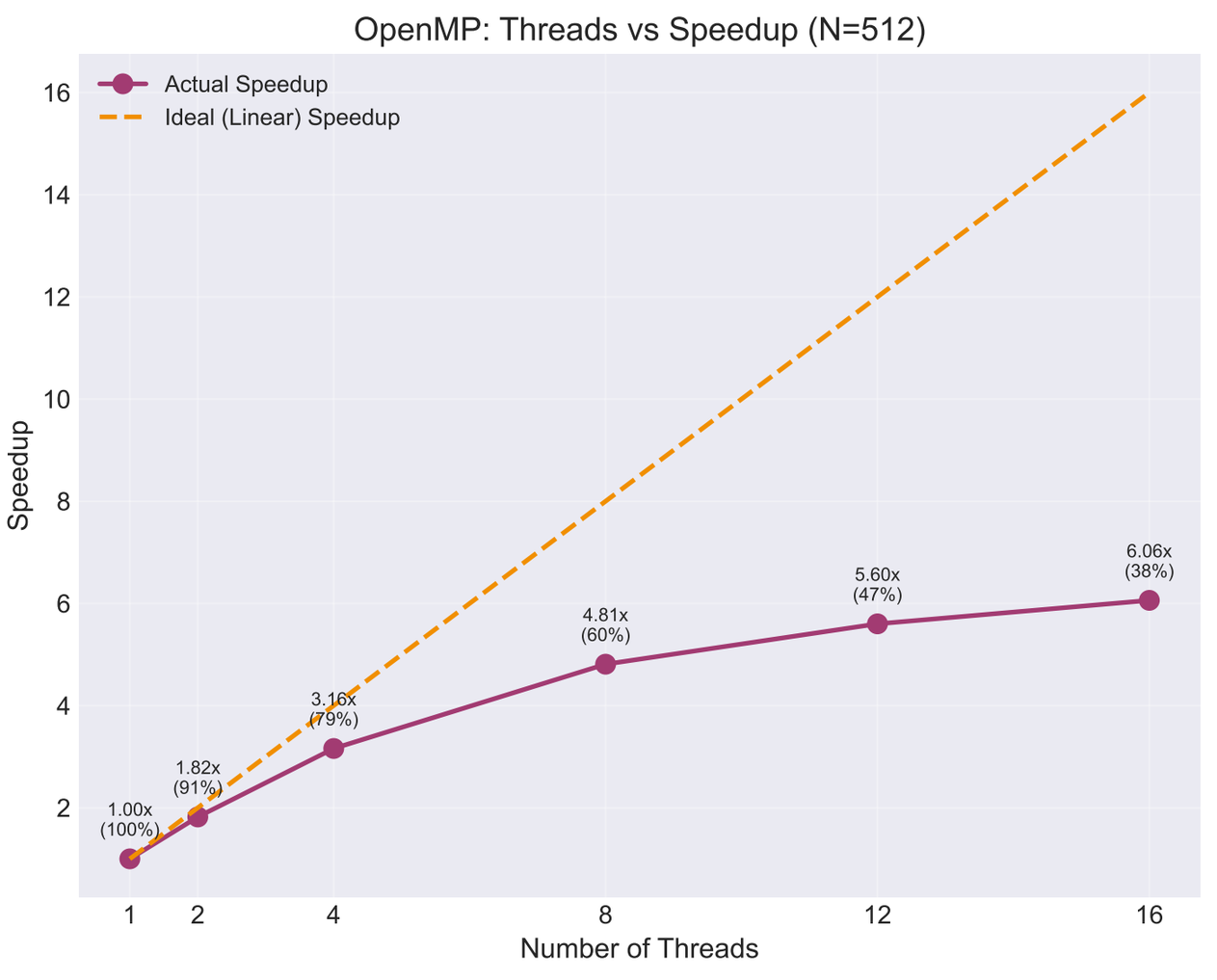

OpenMP: Threads vs Execution Time (N=512)
Actual
Execution Time (seconds)
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.0439s
0.0242s
0.0139s
0.0091s
0.0078s
0.0072s
1
2
4
8
12
16
Number of Threads


OpenMP: Threads vs Speedup (N=512)
Actual Speedup
Ideal (Linear) Speedup
Speedup
16
14
12
10
8
6
4
2
1.00x
(100%)
1.82x
(91%)
3.16x
(79%)
4.81x
(60%)
5.60x
(47%)
6.06x
(38%)
1
2
4
8
12
16
Number of Threads