1. Platform

CPU: Intel i5-9400F

GPU: RTX 2060

Programming language: C++

Output resolution: 400 \* 400

Number of rays per pixel: 16 (Mirror), 16 (Transparency), 100 (Area light)

1. Performance test

|  |  |  |
| --- | --- | --- |
| Images | Time(seconds) | # of rays per pixel |
| Mirror | 12.54 | 16 |
| Transparency | 14.17 | 16 |
| Area light | 274.9 | 100 |