**RESNET**

1. without\_fusion\_without\_tensorrt

CPU Utilization : 93.740 %

Total RAM Usage: 1425.078 MB

Average GPU Utilization: 27.899 %

Average GPU Memory Used: 376.843 MB

Total Inferene Time Taken: 7701.334 ms

Inference Start Time: 1759809574060.556 ms

Total Execution time: 10588.254451751709 ms

1. without\_fusion\_with\_tensorrt

CPU Utilization : 93.663 %

Total RAM Usage: 898.750 MB

Average GPU Utilization: 13.658 %

Average GPU Memory Used: 540.000 MB

Total time taken: 1831.242 ms

Inference Start Time: 1759809665542.657 ms

Total Execution time: 4782.381057739258 ms

1. with\_fusion\_without\_tensorrt

CPU Utilization : 92.091 %

Total RAM Usage: 1565.891 MB

Average GPU Utilization: 22.752 %

Average GPU Memory Used: 347.050 MB

Total Time Taken: 11542.831 ms

Inference Start Time: 1759809725429.210 ms

Total Execution time: 16216.503620147705 ms

1. with\_fusion\_with\_tensorrt

CPU Utilization : 91.676 %

Total RAM Usage: 900.809 MB

Average GPU Utilization: 15.297 %

Average GPU Memory Used: 540.000 MB

Total time taken: 1701.958 ms

Inference Start Time: 1759810083622.794 ms

Total Execution time: 4387.520551681519 ms