```python
...

for count in range(proc_count):

    parent_conn, child_conn = Pipe()
    parent_connections.append(parent_conn)
    sub_list = [x for x in items[count * per_proc: (count + 1) * per_proc]]
    process = Process(target=func, args=(sub_list, child_conn,))
    processes.append(process)

for process in processes:
    process.start()

responses = []
for parent_connection in parent_connections:
    responses.extend(parent_connection.recv())

for process in processes:
    process.join()

return responses

...
```
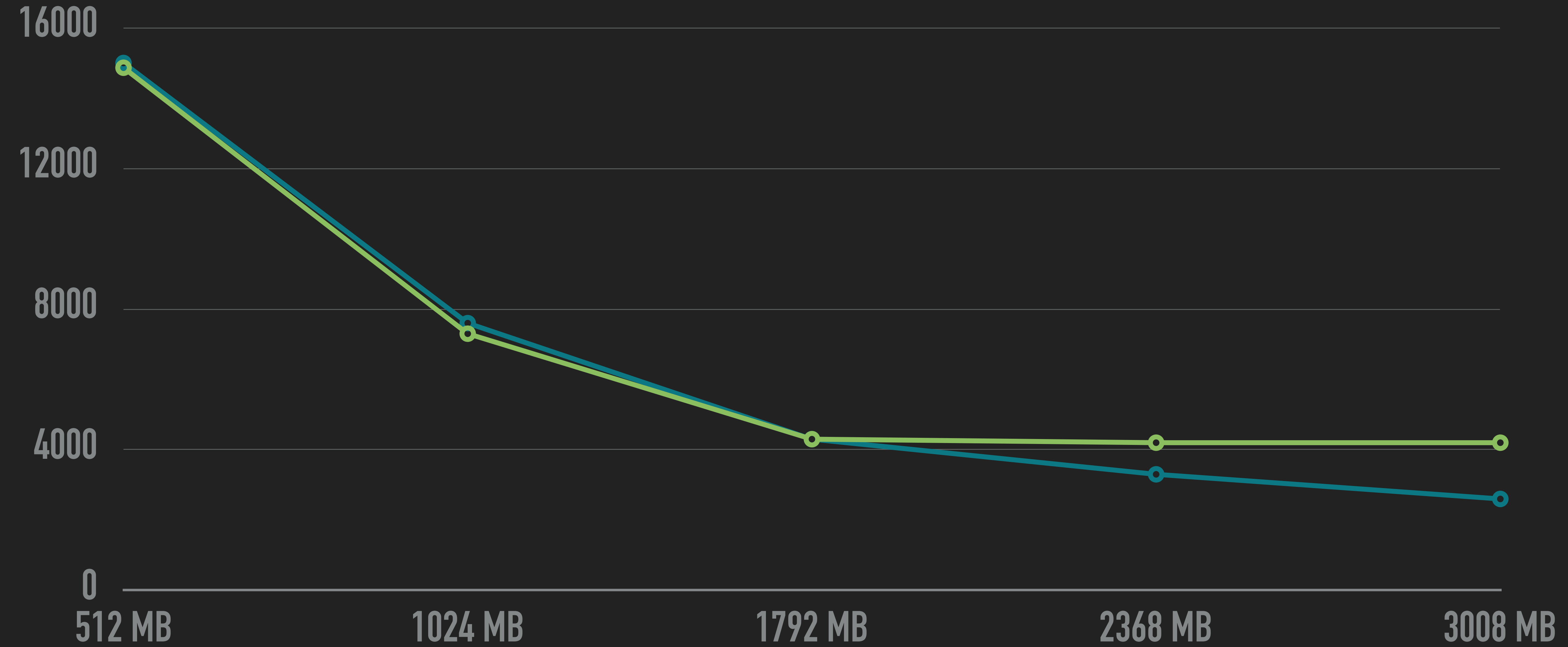
Execution Time (ms)
Compute Heavy

○ Single Thread          ○ Multi Thread

16000

12000

8000

4000

0

512 MB          1024 MB          1792 MB          2368 MB          3008 MB

*Calculate PBKDF2 1,000,000 iterations for 4 statically set passwords