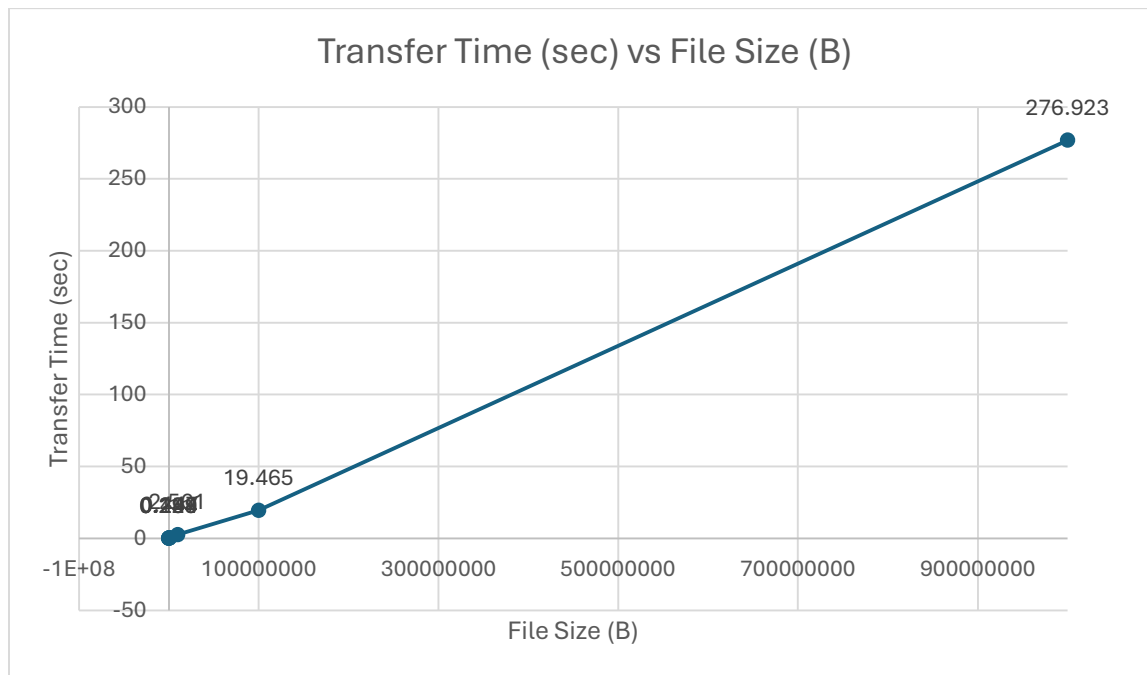


File Size (B)	Transfer Time (sec)
256	0.194
10^3	0.244
10^4	0.229
10^5	0.258
10^6	0.447
10^7	2.561
10^8	19.465
10^9	276.923



The main bottleneck is that file messages are limited by the buffer capacity, which itself is limited by the physical memory of the machine. Since only a certain number of bytes may be transferred at a time, the execution time will increase based on how many messages are required to reach the target file size.