Q3 b)

In our largest trial, , we have . As we are using 2 cores, we are far from the theoretical maximum bandwidth, according to the data given in lecture 9.

As the communication only takes a minimal amount of time, the majority of the overhead comes from the latency. In my case, the overhead is around 3.5ms. I’ve talked with the TAs about this, as in the lecture slides the “large latency” is only around 4~6us, which is so much smaller than my results. But it might seem to be some hardware issues causing this result.