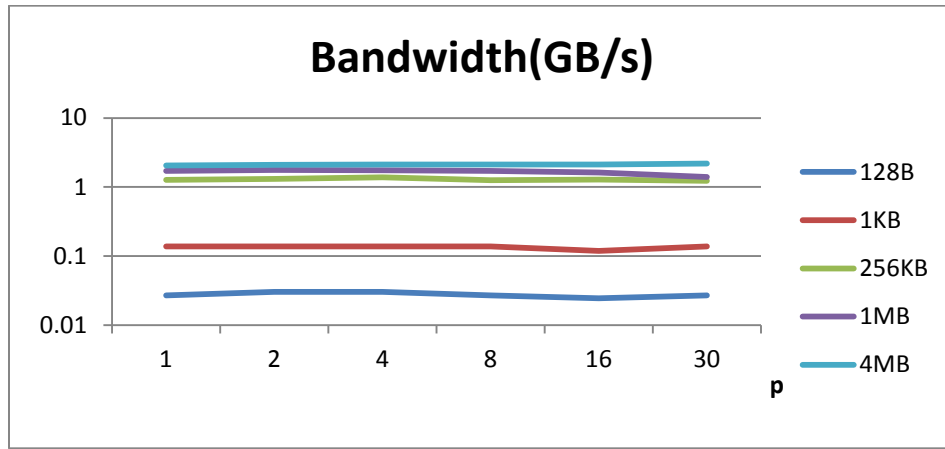# Ex07-Report

Quan Zhou

1. For different message lengths, the maximum bandwidth between 2*p* processes on the coprocessor is shown in the following figure. With different values of *p*, the maximum bandwidths seem to be pretty much the same.
   For some reason, the program will have an error with message length greater than ~6MB.

According to the data, for long messages (> 1MB), greater *p* gives the best bandwidth.

2. When *p*=30, the average time for sending different lengths of messages is shown as below.