

Question 1.

We have 32 WireIn and WireOut each

Question 2.

For USB 3.0 we have data depth for wire is 32

Question 3.

Assuming EP_READY is always on (maximum data throughput) the maximum data bandwidth would be $100.8\text{MHz} * 32\text{bit}/8 = 403.2\text{Mb/s}$

Question 4.

Wire In	0x00 – 0x1F
Wire Out	0x20 – 0x3F