Lab Machine Specs

- AMD R9 290X? http://www.newegg.com/Product/Product.aspx?Item=N82E16814121840 $500 or firepro w9100 $3200
- Nvidia GTX Titan Black http://www.newegg.com/Product/Product.aspx?Item=N82E16814487036 $1100 or K40 $4200

Budget per box: $3000?

Thought about 10 Gbps networking:

- 10 Gb NIC http://www.newegg.com/Product/Product.aspx?Item=N82E16813128749 $200

But it seems the switches are out of the feasible price range, with the one affordable one being too loud for the numerics lab:


Small node that the labs have used: