

In 2013 Blue Water supercomputer cost 208 million dollars. It can sustain 1 PetaFLOP per second.

In 2021 AMD is selling Ryzen processor with 484 GigaFLOPS for \$200.

How many AMD computers will it take to have the same FLOPS-power as Blue Waters? How much will it cost?

Say we have 4 Hadoop Servers with 4 tuples (A,B,C,D), block size is 15 bytes, split on ‘ ‘.

(A, what though the odds be great or small)

(B, old Notre Dame will win over all)

(C, while Her loyal sons are marching)

(D, onward to victory)

Where are the tuples stored? (There may be many different possibilities)