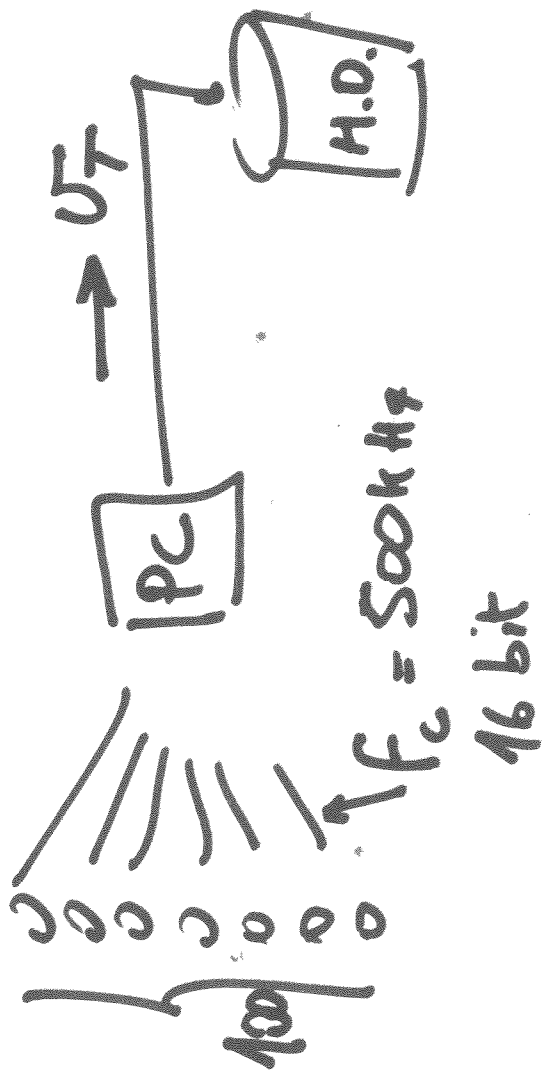


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$$\begin{aligned} D_{\text{dec}} &= f_c \cdot \text{bit/camp} \cdot n^{\circ} \text{cansli} = \\ &= 500 \text{ kHz} \cdot 16 \text{ bit/camp} \cdot 100 \text{ cansli} = \\ &= 8 \cdot 10^8 \text{ bit/s} = 95,36 \text{ TB/s} \end{aligned}$$

$$\boxed{UT \geq 95,36 \text{ TB/s}}$$

$$D_{10r2} = D_{1sec} \cdot 3600s = 335,2 \text{ GiB}$$