

REMOTE  
BANDWIDTH

$B_{rem}$

REMOTE  
LATENCY

$\Delta t_{rem}$

## APPLICATIONS

① SORT VERY  
LARGE ARRAY  
 $x(i+1) > x(i)$

② VECTOR  
MULTIPLY

$$c(i) = a(i) * b(i)$$

## EXERCISE:

① DISCUSS DESIGN REQUIREMENTS IN TERMS OF  $P$ ,  $B_{loc}$ ,  $\Delta t_{loc}$ ,  $B_{rem}$ ,  $\Delta t_{rem}$

② HOW IMPORTANT IS THE NETWORK "FABRIC"?