

Modified HPL script 2

HPLinpack benchmark input file

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singleHPL.out output file name (if any)

6 device out (6=stdout,7=stderr,file)

1 # of problems sizes (N)

112000 Ns

1 # of NBs

192 NBs

0 PMAP process mapping (0=Row-,1=Column-major)

1 # of process grids (P x Q)

4 Ps

8 Qs

16.0 threshold

3 # of panel fact

0 1 2 PFACTs (0=left, 1=Crout, 2=Right)

2 # of recursive stopping criterium

2 4 NBMINS (>= 1)

1 # of panels in recursion

2 NDIVs

3 # of recursive panel fact.

0 1 2 RFACTs (0=left, 1=Crout, 2=Right)

1 # of broadcast

0 BCASTs (0=1rg,1=1rM,2=2rg,3=2rM,4=Lng,5=LnM)

1 # of lookahead depth

1 DEPTHS (>=0)

2 SWAP (0=bin-exch,1=long,2=mix)

64 swapping threshold

0 L1 in (0=transposed,1=no-transposed) form

0 U in (0=transposed,1=no-transposed) form

1 Equilibration (0=no,1=yes)

8 memory alignment in double (> 0)