

Modified HPL script 3

HPLinpack benchmark input file

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HPLthreshold16.out output file name (if any)

1 device out (6=stdout,7=stderr,file)
1 # of problems sizes (N)
15000 Ns
1 # of NBs
288 NBs
0 PMAP process mapping (0=Row-,1=Column-major)
1 # of process grids (P x Q)
8 Ps
12 Qs
16 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
5 BCASTs (0=1rg,1=1rM,2=2rg,3=2rM,4=Lng,5=LnM)
1 # of lookahead depth
5 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)