Compilation guides (compile mpi and openmp+mpi):

<http://wiki.chpc.ac.za/acelab:lammps>

<http://lammps.sandia.gov/tutorials/italy14/Compiling_LAMMPS.pdf>

Official documentation. Recommends mpi+openmp threads instead of just mpi processes (use a mixture of them):

<http://lammps.sandia.gov/doc/accelerate_intel.html>

​Old Intel compiler guide:​

<https://linuxcluster.wordpress.com/2016/06/14/compiling-lammps-14may16-with-intel-15-0-6-and-intel-mpi-5-0-3/>