

ICM-9310-58 Guide to Parallel C Programming on the Sequent Balance, Paul S. Wang.

ABSTRACT The Balance is a shared-memory multiprocessor produced by the Sequent Computer Corp. It has 26 tightly-coupled processors each a 32-bit National Semiconductor processor capable of executing 0.75 MIPS. The main memory of 332 MB is shared by all processors.

This document deals with the parallel programming facilities provided on the Balance for the C language. Similar facilities exist for *f77* and Pascal. It also contains an introduction to basic parallel programming concepts for shared memory multiprocessors.