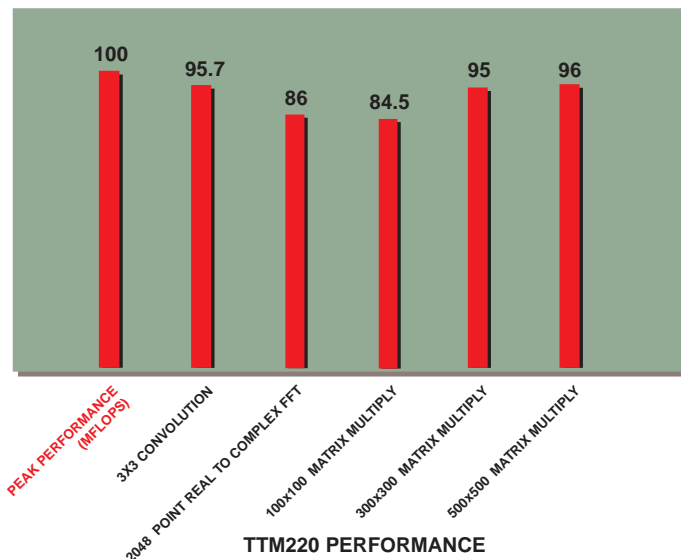


i860 Toolset

Software for TTM110 / TTM220



The software development environment for the TTM110/220 Series contains compiler technology from The Portland Group and a parallel run-time environment called the *i860 Toolset*. The Portland Group compiler tools, widely regarded as giving the best performance for the i860, include:

- ❖ Optimizing C and FORTRAN77 compilers
- ❖ Symbolic debugger
- ❖ Profiler

The profiler analyses data generated during execution of a specially compiled program, allowing users to discover which functions and lines of code were executed and how much CPU time they consumed. This is particularly useful when performance tuning parallel applications.

The Transtech i860 Toolset provides a development and run-time environment for the TTM110/220 series modules. The Toolset may be purchased in a number of modules, the different levels supporting all systems from a PC/AT hosting a single TTM110 through to a networked supercomputer, comprising hundreds of TTM220s with dedicated peripherals and custom I/O facilities.

The basic framework of the i860 Toolset provides a run-time environment including host I/O services, assembler, loader, utilities, and memory management. Additional functionality available includes:

- ❖ BLAS (Basic Linear Algebra Subroutines)
- ❖ Signal Processing Libraries
- ❖ Inmos C Toolset

ORDERING INFORMATION

TSS860T-PC i860 Toolset
TSS860T-S1
TSS860T-S2

TSS860C-PC C Compiler
TSS860C-S1
TSS860C-S2

TSS860F-PC FORTRAN77 Compiler
TSS860F-S1
TSS860F-S2

TSS860D-PC Debugger
TSS860D-S1
TSS860D-S2

TSS860P-PC Profiler
TSS860P-S1
TSS860P-S2

Where: PC = PC hosted
S1 = SunOS 4 / Solaris 1.x host
S2 = Solaris 2.x host