



# CFP2000 Result

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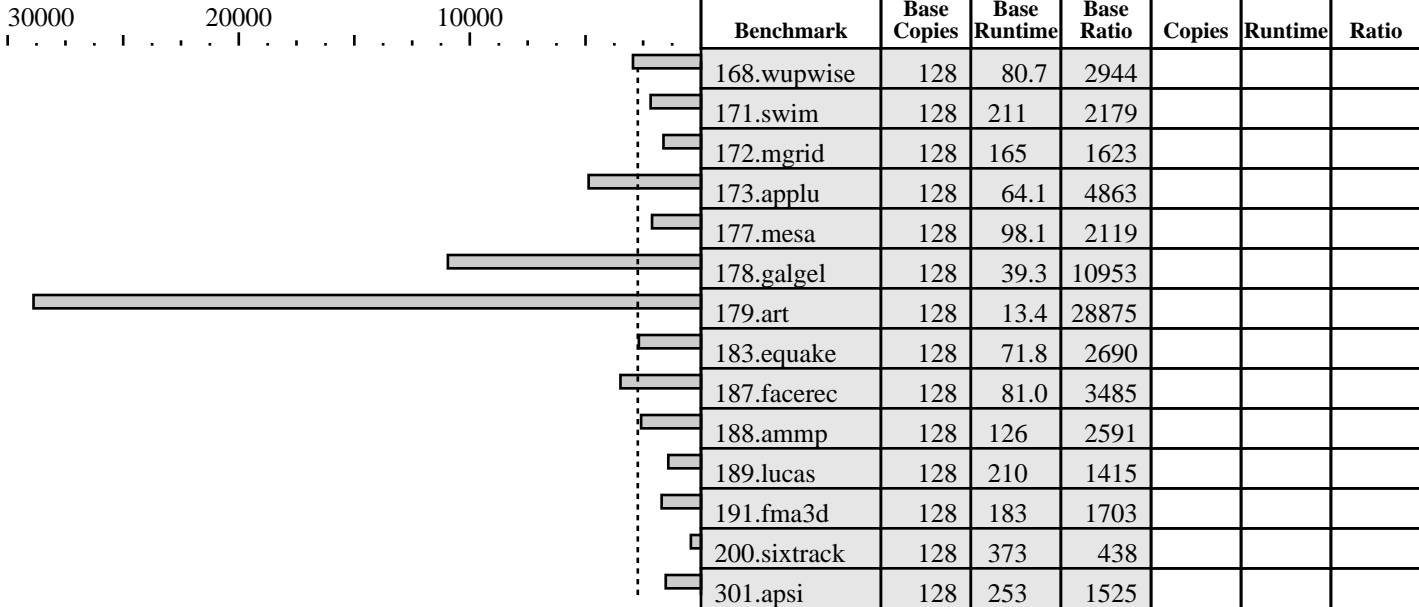
## SGI

SGI Altix 4700 Density System (Itanium2 Processor 9050 1.6GHz/24M)

SPECfp\_rate2000 = --

SPECfp\_rate\_base2000 = 2737

SPEC license #: 4 | Tested by: SGI | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: Jun-2006



### Hardware

CPU: Intel DC Itanium2 Processor 9050 (533MHz FSB)  
 CPU MHz: 1600  
 FPU: Integrated  
 CPU(s) enabled: 128 cores, 64 chips, 2 cores/chip (Hyper-Threading Technology disabled)  
 CPU(s) orderable: 4-1024 cores  
 Parallel: No  
 Primary Cache: 16 KB (I) + 16 KB (D) on chip, per core  
 Secondary Cache: 1 MB (I) + 256 KB (D) on chip, per core  
 L3 Cache: 12 MB (I+D) on chip, per core  
 Other Cache: N/A  
 Memory: 256 GB (8\*1GB DDR2-400 DIMMS per 4 core module)  
 Disk Subsystem: 1 x 137 GB SCSI  
 Other Hardware: None

### Software

Operating System: SGI ProPack(TM) v4.0 Service Pack 3  
 Compiler: Intel(R) Fortran Compiler for Linux 9.1 (Build 20060523)  
 Intel(R) C++ Compiler for Linux 9.1 (Build 20060523)  
 File System: xfs  
 System State: Multi-user

## Notes/Tuning Information

Baseline optimization flags:

C programs: -fast -ansi\_alias -IPF\_fp\_relaxed +FDO  
 Fortran programs: -fast -IPF\_fp\_relaxed +FDO

Portability Flags:

178.galgel: -FI

Processes were bound to CPUs using dplace.