CFP2000 Result

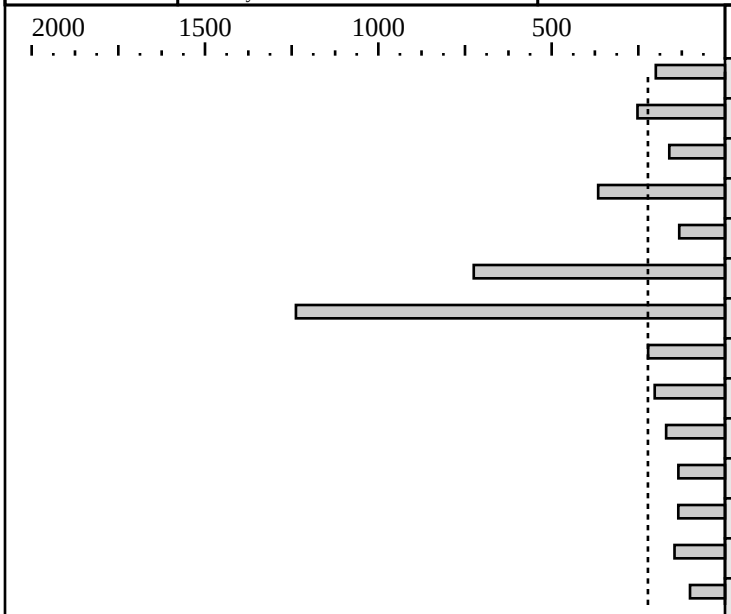
HITACHI

HITACHI BladeSymphony (1.66GHz/9MB Itanium 2, 4Blades 8waySMP)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 222

SPEC license #: 872 | Tested by: HITACHI | Test date: Dec-2005 | Hardware Avail: Nov-2005 | Software Avail: Nov-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	74.4	200			
171.swim	8	114	252			
172.mgrid	8	104	161			
173.applu	8	53.3	366			
177.mesa	8	98.4	132			
178.galgel	8	37.1	725			
179.art	8	19.5	1238			
183.equake	8	54.4	222			
187.facerec	8	86.9	203			
188.ammp	8	120	170			
189.lucas	8	138	134			
191.fma3d	8	145	135			
200.sixtrack	8	70.1	146			
301.apsi	8	239	101			

Hardware

CPU:	Intel Itanium 2 (667MHz FSB)
CPU MHz:	1666
FPU:	Integrated
CPU(s) enabled:	8 cores, 8 chips, 1 core/chip
CPU(s) orderable:	1,2,4,8
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip, per core
Secondary Cache:	256KB(I+D) on chip, per core
L3 Cache:	9.0MB(I+D) on chip, per core
Other Cache:	N/A
Memory:	32GB (1GB DIMM x 32)
Disk Subsystem:	Seagate Ultra320 ST373454LC (73GBx1), 15000rpm
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux AS 4 update 1
Compiler:	Intel(R) Fortran Compiler for Linux 9.0 (Build 20051020) Intel(R) C++ Compiler for Linux 9.0 (Build 20051020)
File System:	ext3
System State:	Multi-user run level 3

Notes/Tuning Information

```
Base tuning flags:
 Fortran : -fast -IPF_fp_relaxed +FDO
       C : -fast -ansi_alias -IPF_fp_relaxed +FDO
+FDO: PASS1=-prof_gen  PASS2=-prof_use

Portability flags:
 178.galgel : -FI

Processes were bound to CPUs by using HITACHI bindlp command.
ccNUMA configuration was selected by firmware.
```