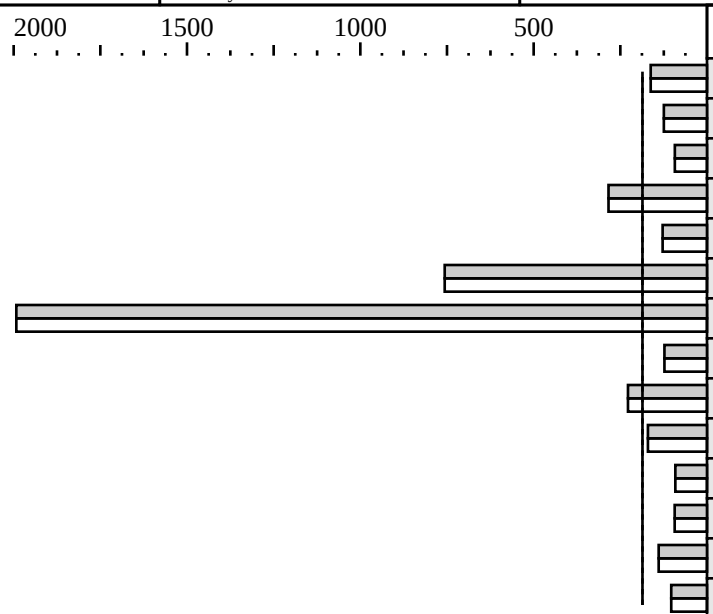
CFP2000 Result

Bull
NovaScale 3045 (1600MHz)

SPECfp_rate2000 = 186

SPECfp_rate_base2000 = 186

SPEC license #: 20 | Tested by: Bull | Test date: Jun-2006 | Hardware Avail: Aug-2006 | Software Avail: Jun-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	91.5	162	8	91.5	162
171.swim	8	231	124	8	231	124
172.mgrid	8	180	92.7	8	180	92.7
173.applu	8	68.6	284	8	68.6	284
177.mesa	8	101	128	8	101	128
178.galgel	8	35.6	757	8	35.6	757
179.art	8	12.1	1992	8	12.1	1992
183.equake	8	98.3	123	8	98.3	123
187.facerec	8	77.4	228	8	77.4	228
188.ammp	8	120	170	8	120	170
189.lucas	8	203	91.3	8	203	91.3
191.fma3d	8	209	93.3	8	209	93.3
200.sixtrack	8	73.2	139	8	73.2	139
301.apsi	8	234	103	8	234	103

Hardware

CPU:	Itanium 2 Processor 9050 1600 MHz FSB 533MHz
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1, 2, 3 or 4 (chips)
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip per core
Secondary Cache:	1MBI + 256KBD on chip per core
L3 Cache:	12MB (I+D) on chip per core
Other Cache:	N/A
Memory:	32 GB (32* 1GB ECC DIMMs DDR2-533 PC4200 533MHZ CL4)
Disk Subsystem:	2*10krpm 73GB SAS disks
Other Hardware:	

Software

Operating System:	Bull Advanced Server 4 (linux kernel 2.6.12 (64k pages), glibc 2.3.4)
Compiler:	Intel(R) Fortran Compiler for Linux 9.1 (Build 20060523) Intel(R) C++ Compiler for Linux 9.1 (Build 20060523)
File System:	ext3
System State:	Multi User

Notes/Tuning Information

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+FDO: PASS1=-prof_gen  PASS2=-prof_use

Baseline optimization flags:
  C programs:       -fast -ansi_alias -IPF_fp_relaxed +FDO
  Fortran programs: -fast -IPF_fp_relaxed + FDO

Portability Flags:
  178.galgel:  -FI

Peak optimization flags: basepeak=true

Processes were bound to CPUs using pexec
4 memory boxes, with 8 DIMMs in each
For information about Bull please see:
http://www.bull.com
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