CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Bull

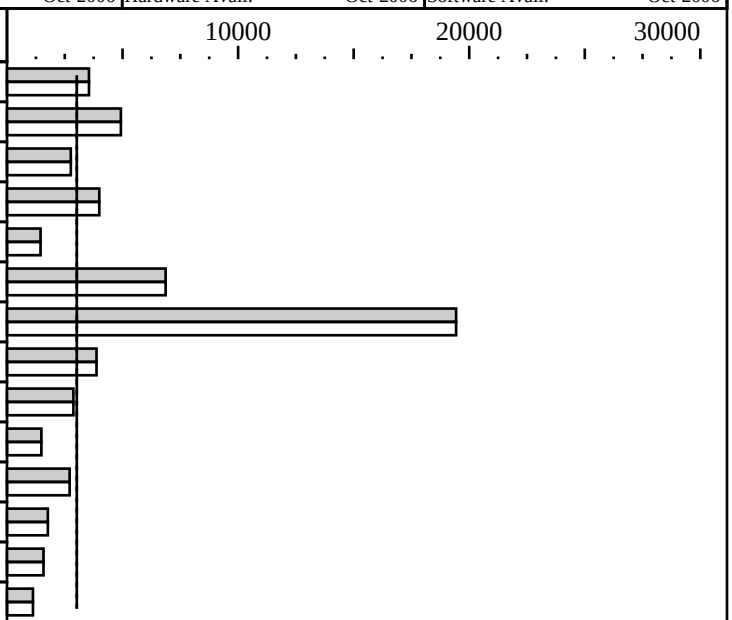
NovaScale 3045 (1.6 GHz, Itanium2 9050)

SPECfp2000 = 3020

SPECfp_base2000 = 3020

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	45.1	3547	45.1	3547
171.swim	3100	62.9	4927	62.9	4927
172.mgrid	1800	65.2	2761	65.2	2761
173.applu	2100	52.6	3993	52.6	3993
177.mesa	1400	96.5	1451	96.5	1451
178.galgel	2900	42.3	6864	42.3	6864
179.art	2600	13.4	19432	13.4	19432
183.equake	1300	33.6	3874	33.6	3874
187.facerec	1900	66.2	2872	66.2	2872
188.ammp	2200	148	1488	148	1488
189.lucas	2000	73.8	2710	73.8	2710
191.fma3d	2100	119	1767	119	1767
200.sixtrack	1100	69.6	1580	69.6	1580
301.apsi	2600	231	1123	231	1123



Hardware

CPU:	Itanium 2 Processor 9050 1600 MHz FSB 533MHz
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1, 2, 3 or 4 (chips)
Parallel:	No
Primary Cache:	16KB(I) + 16KB(D) on chip per core
Secondary Cache:	256KBI + 1MBD on chip per core
L3 Cache:	12MB (I+D) on chip per core
Other Cache:	N/A
Memory:	128 GB (32 x 4GB ECC DIMMs DDR2-533 PC4200 533MHz CL4)
Disk Subsystem:	2x10krpm 73GB SAS disks
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition (64 bits), Service Pack1
Compiler:	Intel(R) C++ Itanium(R) Compiler for Itanium(R)-based app., Version 9.1, - Build 20060928 Package ID: W_CC_C_9.1.032 Intel(R) Fortran Itanium(R) Compiler for Itanium(R)-based app., Version 9.1, - Build 20060928 Package ID: W_FC_C_9.1.032 Microsoft Platform SDK February 2003
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
Portability flags:
 178.galgel:  -FI /F32000000

Feedback optimization:
  +FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:
 for C programs:
 /fast /Qansi-alias +FDO
 for Fortran programs:
 /fast /QIPF-fp-relaxed +FDO

Peak Tuning Flags:  basepeak=true


 Other Configuration Notes
   /NUMPROC=1 flag was added to the boot entry to invoke
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
    uniprocessor environment

For information about Bull please see:
http://www.bull.com
```