CFP2000 Result

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Bull

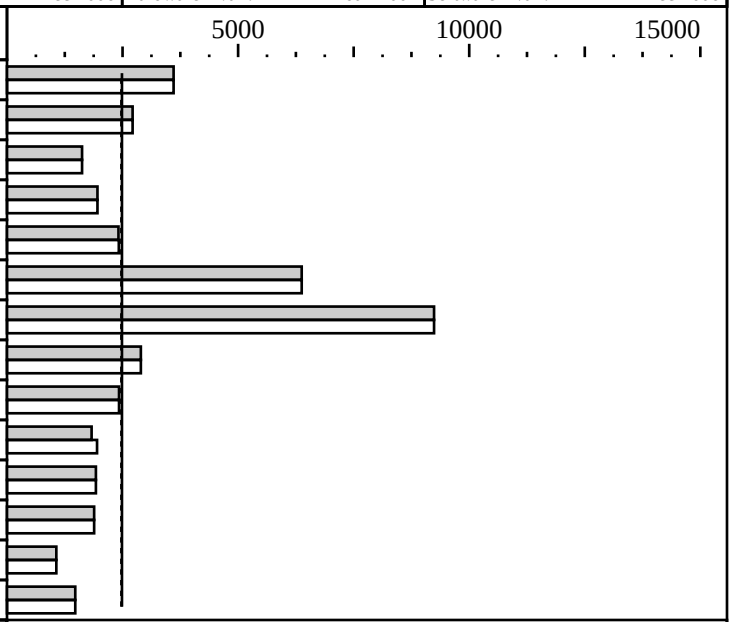
NovaScale B280 (Intel Xeon processor 5150, 2.66 GHz)

SPECfp2000 = 2487

SPECfp_base2000 = 2476

SPEC license #: 20 | Tested by: Bull | Test date: Dec-2006 | Hardware Avail: Jan-2007 | Software Avail: Dec-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	44.4	3604	44.4	3604
171.swim	3100	114	2717	114	2717
172.mgrid	1800	111	1624	111	1624
173.applu	2100	107	1957	107	1957
177.mesa	1400	58.0	2412	57.9	2419
178.galgel	2900	45.5	6376	45.5	6376
179.art	2600	28.1	9239	28.1	9239
183.equake	1300	44.9	2896	44.9	2896
187.facerec	1900	78.4	2424	78.4	2424
188.ammp	2200	120	1830	113	1948
189.lucas	2000	104	1923	104	1923
191.fma3d	2100	111	1885	111	1885
200.sixtrack	1100	103	1067	103	1067
301.apsi	2600	176	1477	176	1477



Hardware

CPU:	Intel Xeon Processor 5150 (2.66 GHz, 4MB L2, 1333MHz bus)
CPU MHz:	2660
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip
CPU(s) orderable:	1 to 2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip per core
Secondary Cache:	4096KB(I+D) on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (1GB DIMMx8, FB-DIMM PC2-5300F ECC CL5)
Disk Subsystem:	1x73GB SAS 10000 rpm
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition (32 bits), Service Pack1
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20061103Z Package ID: W_CC_C_9.1.033 Intel(R) Fortran Compiler for 32-bit app., Version 9.1, MicroQuill SmartHeap Library 8.0 (shlW32M.lib) Microsoft Visual Studio .NET 2003 (for libraries)
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 +FDO ONESTEP=yes shlW32M.lib
 for Fortran programs:
 -fast -Qansi_alias +FDO

Peak Tuning Flags:
   168.wupwise:  basepeak=yes
   171.swim:     basepeak=yes
   172.mgrid:    basepeak=yes
   173.applu:    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
    177.mesa:     -fast +FDO ONESTEP=yes
    178.galgel:   basepeak=yes
    179.art:      basepeak=yes
    183.equake:   basepeak=yes
    187.facerec:  basepeak=yes
    188.ammp:     -fast +FDO ONESTEP=yes
    189.lucas:    basepeak=yes
    191.fma3d:    basepeak=yes
    200.sixtrack: basepeak=yes
    301.apsi:     basepeak=yes


  Other Configuration Notes
    /NUMPROC=1 flag was added to boot.ini to invoke
    uniprocessor environment


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