CFP2000 Result

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Bull

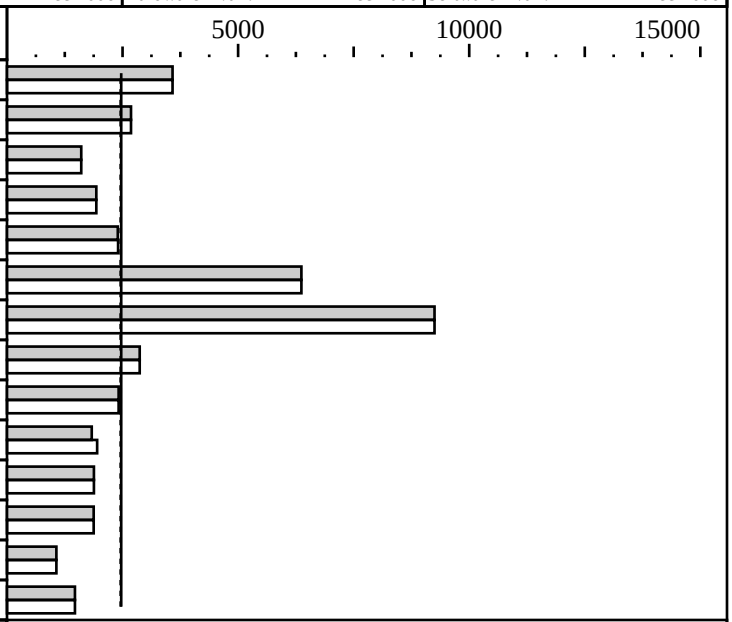
NovaScale B260 (Intel Xeon processor 5150, 2.66 GHz)

SPECfp2000 = 2471

SPECfp_base2000 = 2460

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	44.7	3582	44.7	3582
171.swim	3100	116	2683	116	2683
172.mgrid	1800	112	1606	112	1606
173.applu	2100	109	1932	109	1932
177.mesa	1400	58.4	2397	58.3	2403
178.galgel	2900	45.5	6369	45.5	6369
179.art	2600	28.1	9249	28.1	9249
183.equake	1300	45.3	2871	45.3	2871
187.facerec	1900	78.7	2415	78.7	2415
188.ammp	2200	120	1833	113	1950
189.lucas	2000	106	1880	106	1880
191.fma3d	2100	112	1875	112	1875
200.sixtrack	1100	103	1068	103	1068
301.apsi	2600	177	1470	177	1470



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 (shared by 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (2GB DIMMx4, 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, - Build 20061103Z Package ID: W_FC_C_9.1.033 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library 8.0 (shlW32M.lib)
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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