CFP2000 Result

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Bull

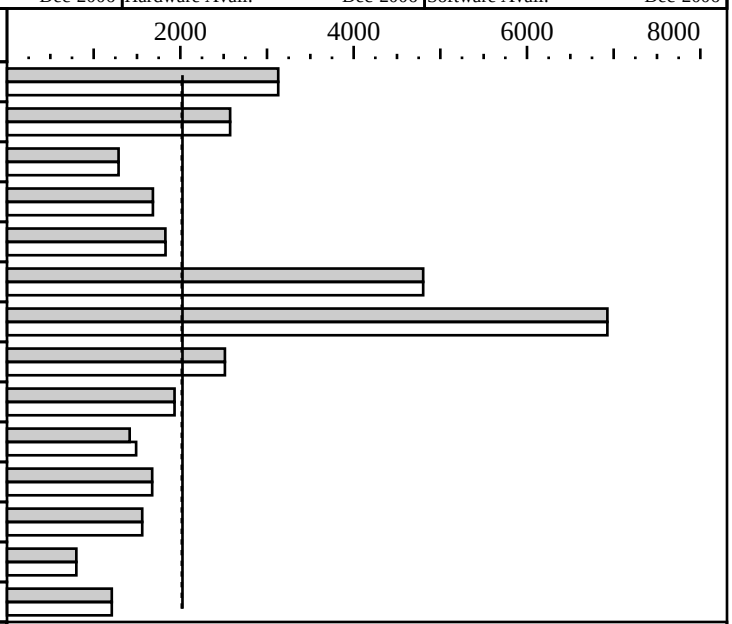
NovaScale B260 (Intel Xeon processor 5130, 2.0 GHz)

SPECfp2000 = 2025

SPECfp_base2000 = 2017

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	51.1	3130	51.1	3130
171.swim	3100	120	2575	120	2575
172.mgrid	1800	140	1287	140	1287
173.applu	2100	125	1684	125	1684
177.mesa	1400	76.6	1827	76.5	1829
178.galgel	2900	60.4	4802	60.4	4802
179.art	2600	37.5	6928	37.5	6928
183.equake	1300	51.7	2514	51.7	2514
187.facerec	1900	98.3	1933	98.3	1933
188.ammp	2200	155	1416	148	1490
189.lucas	2000	119	1675	119	1675
191.fma3d	2100	135	1560	135	1560
200.sixtrack	1100	137	800	137	800
301.apsi	2600	215	1209	215	1209



Hardware

CPU:	Intel Xeon Processor 5130 (2.0 GHz, 4MB L2, 1333MHz bus)
CPU MHz:	2000
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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