CINT2000 Result

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Bull

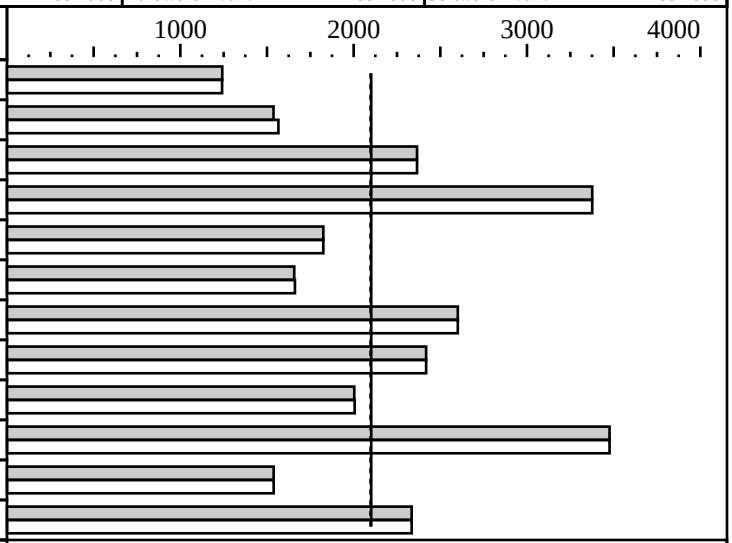
NovaScale B260 (Intel Xeon processor 5130, 2.0 GHz)

SPECint2000 = 2101

SPECint_base2000 = 2098

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
164.gzip	1400	113	1242	113	1241
175.vpr	1400	91.0	1538	89.4	1566
176.gcc	1100	46.5	2366	46.5	2366
181.mcf	1800	53.3	3376	53.3	3376
186.crafty	1000	54.8	1825	54.8	1825
197.parser	1800	109	1657	108	1661
252.eon	1300	50.0	2601	50.0	2601
253.perlbmk	1800	74.4	2418	74.4	2418
254.gap	1100	54.9	2003	54.8	2006
255.vortex	1900	54.7	3476	54.7	3476
256.bzip2	1500	97.5	1538	97.5	1538
300.twolf	3000	129	2335	129	2335



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 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:
 176.gcc:     -Dalloca=_alloca /F10000000
 186.crafty:  -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

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

Baseline Tuning Flags:
 for C programs:
 -fast +FDO ONESTEP=yes shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO ONESTEP=yes

Peak Tuning Flags:
   164.gzip:     -fast +FDO ONESTEP=yes
   175.vpr:      -fast +FDO ONESTEP=yes
   176.gcc:      basepeak=yes
   181.mcf:      basepeak=yes
```

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Notes/Tuning Information (Continued)

```
    186.crafty:   basepeak=yes
    197.parser:   -fast +FDO ONESTEP=yes
    252.eon:      basepeak=yes
    253.perlbmk:  basepeak=yes
    254.gap:      -fast +FDO ONESTEP=yes
    255.vortex:   basepeak=yes
    256.bzip2:    basepeak=yes
    300.twolf:    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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