CINT2000 Result

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Bull

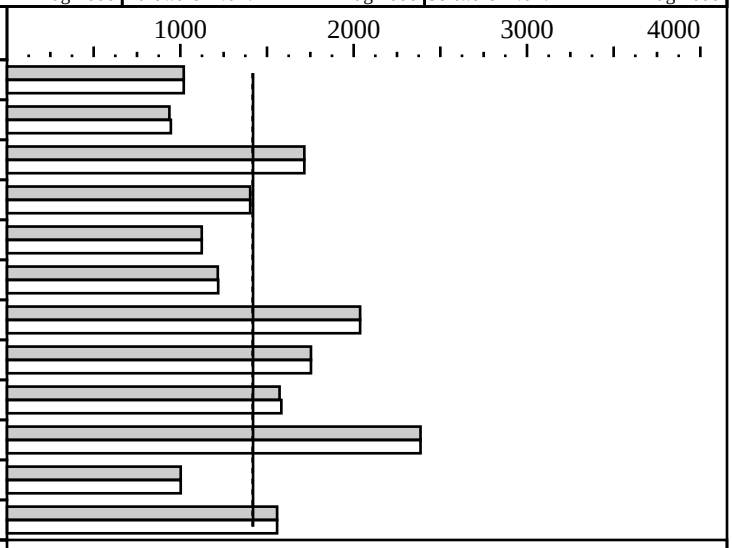
NovaScale T840 (3.0 GHz, Intel Xeon Processor 5050)

SPECint2000 = 1419

SPECint_base2000 = 1417

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	137	1020	137	1020
175.vpr	1400	149	937	148	945
176.gcc	1100	64.1	1715	64.1	1715
181.mcf	1800	128	1403	128	1403
186.crafty	1000	89.0	1124	89.0	1124
197.parser	1800	148	1216	148	1218
252.eon	1300	63.8	2037	63.8	2037
253.perlbmk	1800	103	1754	103	1754
254.gap	1100	70.0	1572	69.5	1583
255.vortex	1900	79.6	2386	79.6	2386
256.bzip2	1500	150	1002	150	1002
300.twolf	3000	193	1558	193	1558



Hardware

CPU:	Intel Xeon Processor 5050 (3.0GHz, 2x2MB L2, 667MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1 to 2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) (on chip) per core
Secondary Cache:	2048KB(I+D) (on chip) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (8 x 1GB 533MHz ECC CL4 DDR2 FB-DIMM)
Disk Subsystem:	2x73GB SCSI 10K 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 20060706Z Package ID: W_CC_C_9.1.028 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:     basepeak=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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