CINT2000 Result

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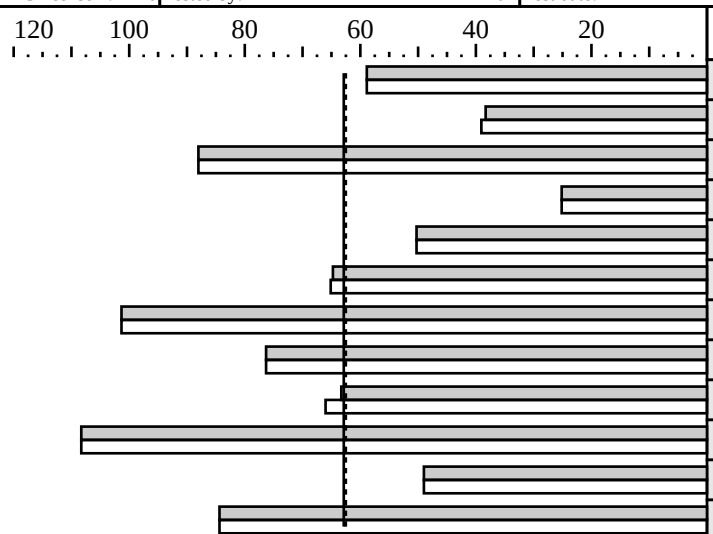
Bull

NovaScale T840 (3.0 GHz, Intel Xeon Processor 5050)

SPECint_rate2000 = 62.9

SPECint_rate_base2000 = 62.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	221	58.9	8	221	58.9
175.vpr	8	339	38.3	8	333	39.1
176.gcc	8	116	88.0	8	116	88.0
181.mcf	8	664	25.2	8	664	25.2
186.crafty	8	185	50.3	8	185	50.3
197.parser	8	258	64.7	8	256	65.1
252.eon	8	119	101	8	119	101
253.perlbmk	8	219	76.3	8	219	76.3
254.gap	8	161	63.3	8	155	66.0
255.vortex	8	163	108	8	163	108
256.bzip2	8	284	49.0	8	284	49.0
300.twolf	8	330	84.4	8	330	84.4

Hardware

CPU:	Intel Xeon Processor 5050 (3.0GHz, 2x2MB L2, 667MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
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


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