CINT2000 Result

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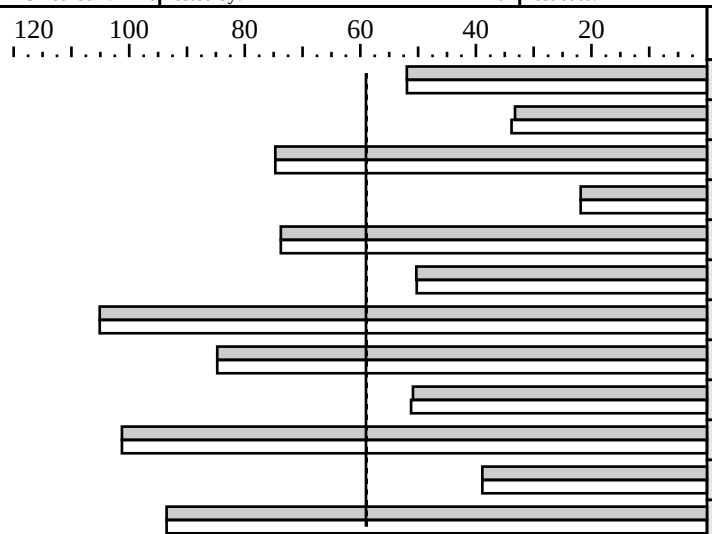
Bull

NovaScale Blade 2320 (2.0 GHz Xeon LV)

SPECint_rate2000 = 59.0

SPECint_rate_base2000 = 58.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	125	52.0	4	125	51.9
175.vpr	4	195	33.2	4	192	33.8
176.gcc	4	68.3	74.7	4	68.3	74.7
181.mcf	4	382	21.9	4	382	21.9
186.crafty	4	62.9	73.8	4	62.9	73.8
197.parser	4	166	50.3	4	166	50.2
252.eon	4	57.4	105	4	57.4	105
253.perlbmk	4	98.5	84.8	4	98.5	84.8
254.gap	4	100	50.9	4	99.7	51.2
255.vortex	4	87.1	101	4	87.1	101
256.bzip2	4	179	38.9	4	179	38.9
300.twolf	4	149	93.5	4	149	93.5

Hardware

CPU:	Intel Xeon Processor (2.0GHz Xeon LV, 2MB L2, 667MHz bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 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) shared by 2 cores
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (2GB DIMMx4, 2-way interleaved DDR2-400, PC2-3200 CL3)
Disk Subsystem:	2x36GB 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 20060519Z Package ID: W_CC_C_9.1.025 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


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