CINT2000 Result

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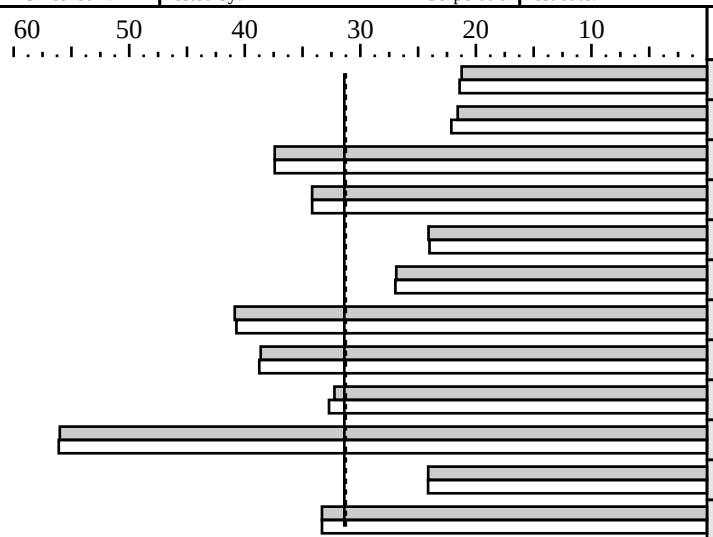
IBM Corporation

IBM eServer xSeries 346 (2.8 GHz Xeon, 2MB L2 Cache)

SPECint_rate2000 = 31.4

SPECint_rate_base2000 = 31.3

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Dec-2005 | Hardware Avail: Sep-2005 | Software Avail: Jun-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	153	21.2	2	152	21.4
175.vpr	2	151	21.6	2	147	22.1
176.gcc	2	68.2	37.4	2	68.2	37.4
181.mcf	2	122	34.2	2	122	34.2
186.crafty	2	96.3	24.1	2	96.6	24.0
197.parser	2	155	26.9	2	155	27.0
252.eon	2	73.8	40.9	2	74.1	40.7
253.perlbmk	2	108	38.6	2	108	38.7
254.gap	2	79.2	32.2	2	78.0	32.7
255.vortex	2	78.7	56.0	2	78.6	56.1
256.bzip2	2	144	24.1	2	144	24.1
300.twolf	2	209	33.3	2	209	33.3

Hardware

CPU:	Intel Xeon Processor 2.8Hz with 2MB L2 Cache(800 MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 512 MB ECC PC2-3200 Single Rank
Disk Subsystem:	73GB SCSI 10K RPM
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard Edition
Compiler:	Intel C/C++ Compiler 9.0 (20050624Z) for 32-bit applications Intel Fortran Compiler 9.0 (20050624Z) for 32-bit applications Microsoft Visual Studio .NET 13.0.9466 (for libraries) MicroQuill Smartheap Library 7.30
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
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
BASE TUNING
  C:           -fast -Qansi_alias +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     -fast +FDO shlW32M.lib
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: -fast -Oa +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    254.gap:     -fast +FDO
    255.vortex   -fast +FDO shlw32M.lib
    256.bzip2:   -fast -Qunroll1 -Oa +FDO shlw32M.lib
    300.twolf:   -fast +FDO shlW32M.lib
  EXTRA LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 7.3
                 www.microquill.com
```