CINT2000 Result

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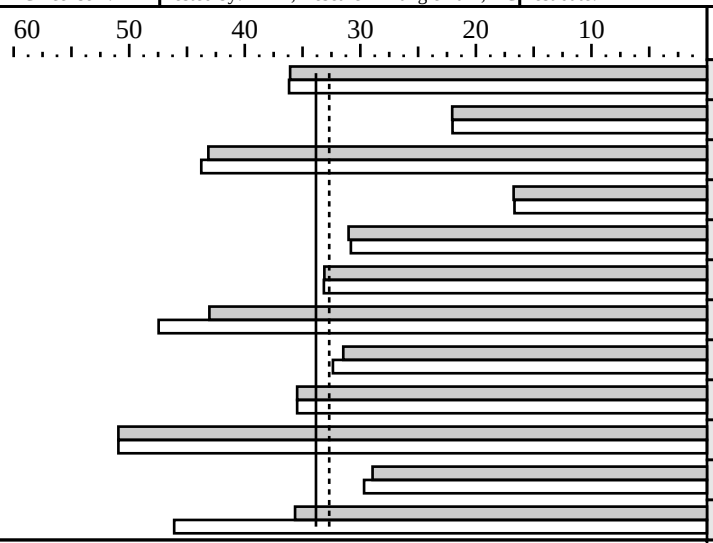
IBM Corporation
IBM x335(3.2GHz, 533MHZ FSB)

SPECint_rate2000 = 33.8

SPECint_rate_base2000 = 32.7

SPEC license #: 11 | Tested by: IBM, Research Triangle Park, NC | Test date: Feb-2004 | Hardware Avail: Feb-2004 | Software Avail: Jun-2003



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	180	36.1	4	180	36.2
175.vpr	4	295	22.0	4	295	22.0
176.gcc	4	118	43.2	4	117	43.8
181.mcf	4	499	16.7	4	501	16.7
186.crafty	4	150	31.0	4	151	30.8
197.parser	4	252	33.1	4	252	33.2
252.eon	4	140	43.1	4	127	47.5
253.perlbmk	4	265	31.5	4	258	32.4
254.gap	4	144	35.5	4	144	35.5
255.vortex	4	173	50.9	4	173	50.9
256.bzip2	4	240	28.9	4	235	29.7
300.twolf	4	390	35.6	4	302	46.1

Hardware

CPU:	Intel Xeon processor
CPU MHz:	3200
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 + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048(I+D) on chip
Other Cache:	N/A
Memory:	4x256MB PC2100 CL2.5 ECC
Disk Subsystem:	1 x 36GB 10K RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows Server 2003, Standard Edition (Build 3790)
Compiler:	Intel C++ Compiler 8.0 Build 20031017Z Microsoft Visual C++ .Net 2002 (for libraries) SmartHeap Library Version 6.02 from http://www.microquill.com/
File System:	NTFS
System State:	Hyper-Threading Technology is disabled

Notes/Tuning Information

```
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy:  -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
ONESTEP=yes    +FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxN -Qipo -O3 +FDO
Base tuning for C++ programs: -QxN -Qipo -GX -GR
Peak tuning:
164.gzip:     -QxN -Qipo -Oa -O3 +FDO
175.vpr:      -QxN -Qipo     -O3 +FDO
176.gcc:      -QxN -Qipo     -O3 +FDO
181.mcf:      -QxN -Qipo     -O3 +FDO
186.crafty:   basepeak=yes
197.parser:   -QxN -Qipo     -O3 +FDO
252.eon:      -QxN -Qipo     -O3 +FDO
253.perlbmk:  -QxN -Qipo     -O3 +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:    -Qipo -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -QxN -Qipo     -O3 +FDO shlW32M.lib
Extra libraries:
shlW32M.lib MicroQuill SmartHeap Library 6.02, "www.microquill.com"
```