CINT2000 Result

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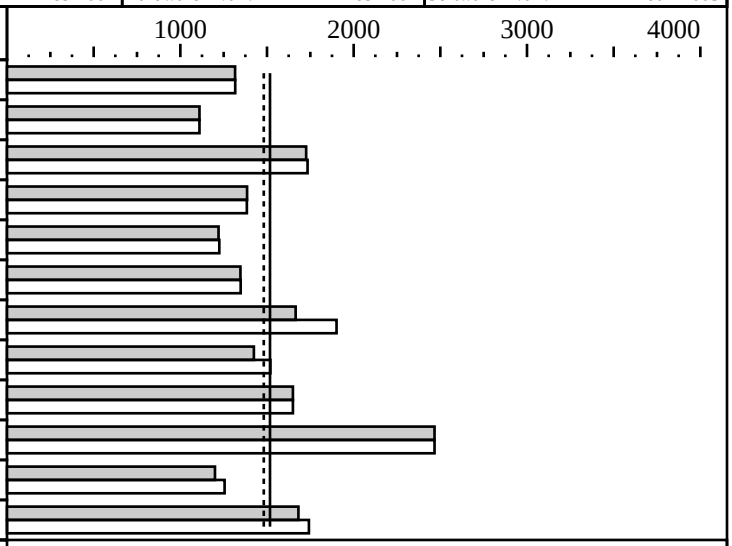
IBM Corporation
IBM x335(3.2GHz, 533MHZ FSB)

SPECint2000 = 1517

SPECint_base2000 = 1481

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	106	1316	106	1317
175.vpr	1400	126	1110	126	1110
176.gcc	1100	63.7	1726	63.4	1734
181.mcf	1800	130	1385	130	1384
186.crafty	1000	81.9	1220	81.6	1225
197.parser	1800	134	1347	134	1348
252.eon	1300	78.1	1665	68.4	1901
253.perlbmk	1800	126	1424	118	1520
254.gap	1100	66.7	1649	66.7	1649
255.vortex	1900	77.0	2467	77.0	2467
256.bzip2	1500	125	1200	119	1255
300.twolf	3000	178	1681	172	1742



Hardware

CPU:	Intel Xeon processor
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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

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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)

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