CINT2000 Result

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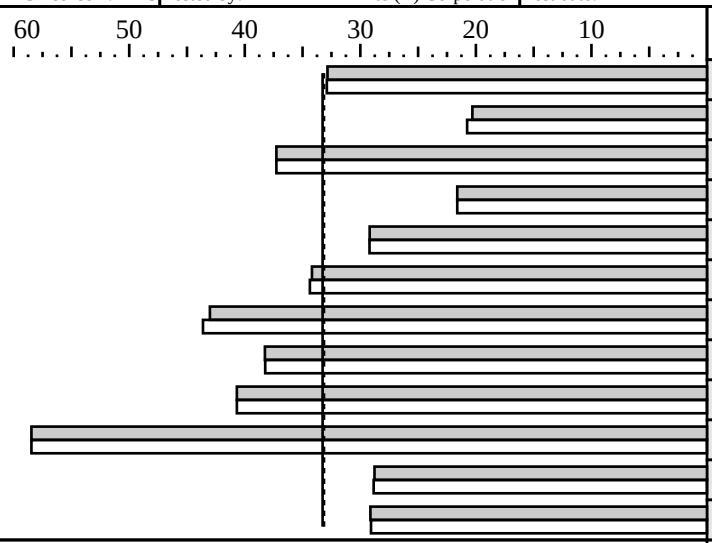
Intel(R) Corporation

Intel(R) D955XCV motherboard(3.20 GHz, Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology)

SPECint_rate2000 = 33.3

SPECint_rate_base2000 = 33.1

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Mar-2005 | Hardware Avail: May-2005 | Software Avail: Sep-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	198	32.8	4	197	32.9
175.vpr	4	320	20.3	4	313	20.8
176.gcc	4	137	37.3	4	137	37.3
181.mcf	4	386	21.6	4	386	21.6
186.crafty	4	159	29.2	4	159	29.2
197.parser	4	244	34.2	4	243	34.4
252.eon	4	140	43.0	4	138	43.6
253.perlbmk	4	218	38.3	4	218	38.2
254.gap	4	125	40.7	4	125	40.7
255.vortex	4	151	58.5	4	151	58.5
256.bzip2	4	242	28.8	4	241	28.8
300.twolf	4	478	29.1	4	479	29.1

Hardware

CPU:	Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology(3.20 GHz, 800 MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD per core
Secondary Cache:	1MB(I+D) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem:	Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel(R) C++ Compiler 8.1 Build 20040802Z Microsoft Visual Studio .Net 2002(for libraries) SmartHeap Library Version 6.0 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
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
Peak tuning:
164.gzip:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -fast -O3 +FDO shlW32M.lib
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
The system bus runs at 800 MHz
The tested system has a PCIe graphics card installed
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