CINT2000 Result

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Intel(R) Corporation

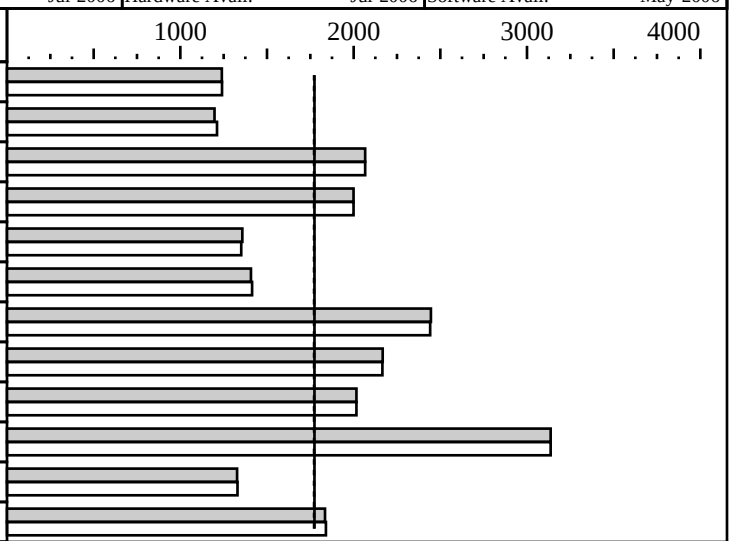
Intel(R) D945GPM motherboard(3.6 GHz, Intel(R) Pentium(TM) D processor 960)

SPECint2000 = 1774

SPECint_base2000 = 1772

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	113	1239	113	1240
175.vpr	1400	117	1197	116	1212
176.gcc	1100	53.2	2066	53.2	2066
181.mcf	1800	90.0	1999	90.0	1999
186.crafty	1000	73.7	1358	74.0	1351
197.parser	1800	128	1407	127	1414
252.eon	1300	53.2	2446	53.3	2441
253.perlbmk	1800	83.0	2167	83.1	2166
254.gap	1100	54.6	2016	54.6	2016
255.vortex	1900	60.6	3136	60.6	3136
256.bzip2	1500	113	1327	113	1330
300.twolf	3000	164	1835	163	1840



Hardware

CPU:	Intel(R) Pentium(TM) D processor 960(3.6 GHz, 800 MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD per core
Secondary Cache:	4MB(I+D) shared, per chip
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB Micron DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	ATI Radeon X1900 XTX PCI express graphics card

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ Compiler 9.1 for 32-bit applications Build 20060323Z Package ID: W_CC_P_9.1.020 Microsoft Visual Studio 2005(for libraries) SmartHeap Library Version 8.0 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 shlW32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon:     -DHAS_ERRLIST
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
```

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Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
Product description located as of 07/2006
http://www.intel.com/products/motherboard/dg965wh/index.htm
The system bus runs at 1066 MHz
```