CINT2000 Result

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Intel(R) Corporation

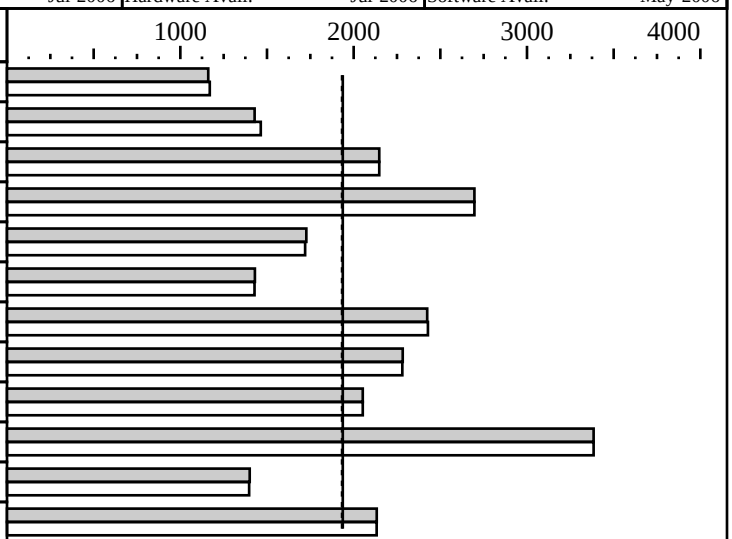
Intel(R) DG965WH motherboard(1.86 GHz, Intel(R) Core(TM) 2 processor E6300)

SPECint2000 = 1937

SPECint_base2000 = 1933

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	121	1161	120	1170
175.vpr	1400	98.0	1429	95.6	1464
176.gcc	1100	51.2	2148	51.2	2148
181.mcf	1800	66.8	2697	66.8	2697
186.crafty	1000	57.9	1727	58.1	1720
197.parser	1800	126	1430	126	1428
252.eon	1300	53.6	2424	53.5	2428
253.perlbmk	1800	78.8	2283	78.9	2281
254.gap	1100	53.6	2052	53.6	2052
255.vortex	1900	56.1	3384	56.1	3384
256.bzip2	1500	107	1400	107	1397
300.twolf	3000	141	2133	141	2133



Hardware

CPU:	Intel(R) Core(TM) 2 processor E6300(1.86 GHz, 1066 MHz bus)
CPU MHz:	1867
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD per core, on chip
Secondary Cache:	2MB(I+D) shared, per chip, on chip
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5 DIMMs)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	ATI Radeon X850 XT 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-80.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M-80.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-80.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-80.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
```