CINT2000 Result

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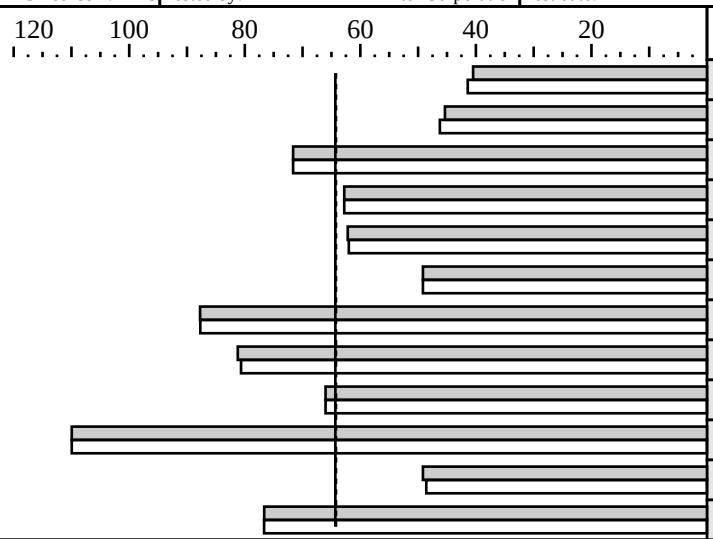
Intel(R) Corporation

Intel(R) DG965WH motherboard(2.93 GHz, Intel(R) Core(TM) 2 Extreme processor X6800)

SPECint_rate2000 = 64.3

SPECint_rate_base2000 = 64.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	80.2	40.5	2	78.4	41.4
175.vpr	2	71.6	45.4	2	70.3	46.2
176.gcc	2	35.6	71.6	2	35.6	71.6
181.mcf	2	66.5	62.8	2	66.5	62.8
186.crafty	2	37.3	62.2	2	37.4	62.0
197.parser	2	84.9	49.2	2	84.9	49.2
252.eon	2	34.4	87.7	2	34.4	87.7
253.perlbmk	2	51.4	81.2	2	51.8	80.6
254.gap	2	38.7	66.0	2	38.7	66.0
255.vortex	2	40.1	110	2	40.1	110
256.bzip2	2	70.8	49.2	2	71.6	48.6
300.twolf	2	90.8	76.6	2	90.8	76.7

Hardware

CPU:	Intel(R) Core(TM) 2 Extreme processor X6800(2.93 GHz, 1066 MHz bus)
CPU MHz:	2933
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 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 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
Bios memory timings set to DDR2-800 5-5-5-15 manually
```