# CINT2000 Result

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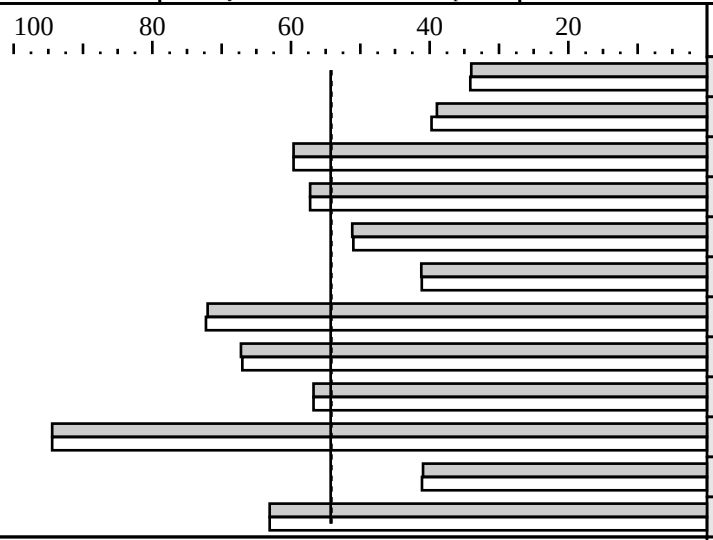
## Intel(R) Corporation

Intel(R) DG965WH motherboard( 2.4 GHz, Intel(R) Core(TM) 2 Duo processor E6600)

SPECint_rate2000 = 54.3

SPECint_rate_base2000 = 54.2

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




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 164.gzip | 2 | 95.5 | 34.0 | 2 | 95.1 | 34.1 |
| 175.vpr | 2 | 83.4 | 39.0 | 2 | 81.8 | 39.7 |
| 176.gcc | 2 | 42.8 | 59.6 | 2 | 42.8 | 59.6 |
| 181.mcf | 2 | 73.0 | 57.2 | 2 | 73.0 | 57.2 |
| 186.crafty | 2 | 45.3 | 51.2 | 2 | 45.5 | 51.0 |
| 197.parser | 2 | 101 | 41.2 | 2 | 102 | 41.1 |
| 252.eon | 2 | 41.9 | 72.0 | 2 | 41.7 | 72.3 |
| 253.perlbmk | 2 | 62.1 | 67.2 | 2 | 62.3 | 67.0 |
| 254.gap | 2 | 45.0 | 56.8 | 2 | 45.0 | 56.8 |
| 255.vortex | 2 | 46.7 | 94.4 | 2 | 46.7 | 94.4 |
| 256.bzip2 | 2 | 85.0 | 41.0 | 2 | 84.7 | 41.1 |
| 300.twolf | 2 | 110 | 63.1 | 2 | 110 | 63.1 |

### Hardware

| | |
|---|---|
| CPU: | Intel(R) Core(TM) 2 Duo processor E6600( 2.4 GHz, 1066 MHz bus) |
| CPU MHz: | 2400 |
| 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: | 4 MB(I+D) per chip, on chip (shared) |
| L3 Cache: | None |
| Other Cache: | None |
| Memory: | 2 GB (2 1GB Micron MT16HTF12864AY-80ED4 DDR2 800, CL5) |
| Disk Subsystem: | Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache) |
| Other Hardware: | SoundBlaster Live! PCI card |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional SP2 |
| Compiler: | Intel C++ Compiler 9.1 for 32-bit applications<br>Build 20060323Z Package ID: W_CC_P_9.1.020<br>Microsoft Visual Studio 2005(for libraries)<br>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.crafty: -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 1/2007:
http://www.intel.com/products/motherboard/DG965WH/index.htm
The system bus runs at 1066 MHz