



CINT2000 Result

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Intel(R) Corporation

Intel(R) DG965SS motherboard(2.66 GHz, Intel(R) Pentium(TM) D processor 805)

SPECint2000 = --

SPECint_base2000 = 1236

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|-------------|----------------|--------------|------------|---------|-------|
| 164.gzip | 1400 | 154 | 912 | | |
| 175.vpr | 1400 | 179 | 784 | | |
| 176.gcc | 1100 | 75.6 | 1456 | | |
| 181.mcf | 1800 | 163 | 1102 | | |
| 186.crafty | 1000 | 98.6 | 1014 | | |
| 197.parser | 1800 | 183 | 984 | | |
| 252.eon | 1300 | 71.2 | 1825 | | |
| 253.perlbmk | 1800 | 112 | 1600 | | |
| 254.gap | 1100 | 73.5 | 1496 | | |
| 255.vortex | 1900 | 87.1 | 2182 | | |
| 256.bzip2 | 1500 | 170 | 881 | | |
| 300.twolf | 3000 | 226 | 1329 | | |

Hardware

CPU: Intel(R) Pentium(TM) D processor 805(2.66 GHz, 533 MHz bus)
CPU MHz: 2667
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD per core, on chip
Secondary Cache: 1 MB(I+D) per core, 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
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.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-80.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
```



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Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +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 1/2007:

<http://www.intel.com/products/motherboard/DG965SS/index.htm>

The system bus runs at 533 MHz