CFP2000 Result

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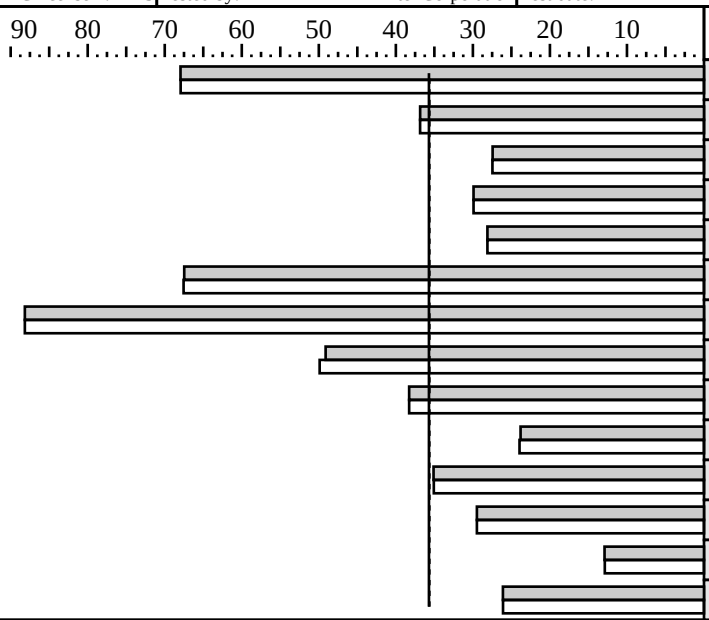
Intel(R) Corporation

Intel(R) DG965WH motherboard(2.8 GHz, Intel(R) Pentium(TM) D processor 920)

SPECfp_rate2000 = 35.7

SPECfp_rate_base2000 = 35.7

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
168.wupwise	2	54.6	68.0	2	54.6	67.9
171.swim	2	195	36.8	2	195	36.9
172.mgrid	2	152	27.4	2	152	27.5
173.applu	2	163	29.9	2	163	29.9
177.mesa	2	116	28.1	2	116	28.1
178.galgel	2	99.7	67.5	2	99.6	67.6
179.art	2	68.4	88.2	2	68.4	88.2
183.equake	2	61.4	49.1	2	60.5	49.9
187.facerec	2	115	38.3	2	115	38.3
188.ammp	2	214	23.8	2	213	23.9
189.lucas	2	132	35.1	2	132	35.1
191.fma3d	2	165	29.5	2	165	29.5
200.sixtrack	2	198	12.9	2	198	12.9
301.apsi	2	231	26.1	2	231	26.1

Hardware

CPU:	Intel(R) Pentium(TM) D processor 920(2.8 GHz, 800 MHz bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K micro-opsI + 16KBD per core, on chip
Secondary Cache:	2 MB(I+D) per core, on chip
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++ and Fortran Compiler 9.1 for 32-bit applications Build 20060323Z Package IDs: W_CC_P_9.1.020 and W_FC_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 Fortran programs:  -fast -Qansi_alias +FDO
Base tuning for 177.mesa:   -fast   +FDO shlW32M.lib
Base tuning for 179.art:    -fast   +FDO shlW32M.lib
Base tuning for 183.equake: -fast   +FDO shlW32M.lib
Base tuning for 188.ammp:   -fast   +FDO shlW32M.lib
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -fast -Qansi_alias +FDO
171.swim:     -fast -Qansi_alias +FDO
172.mgrid:    -fast -Qansi_alias +FDO
173.applu:  basepeak=yes
177.mesa:   basepeak=yes
178.galgel:   -fast -Qansi_alias +FDO
179.art:      basepeak=yes
183.equake:   -QxP -Oa -Qrcd -Qipo  +FDO  shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO  shlW32M.lib
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
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
```