CFP2000 Result

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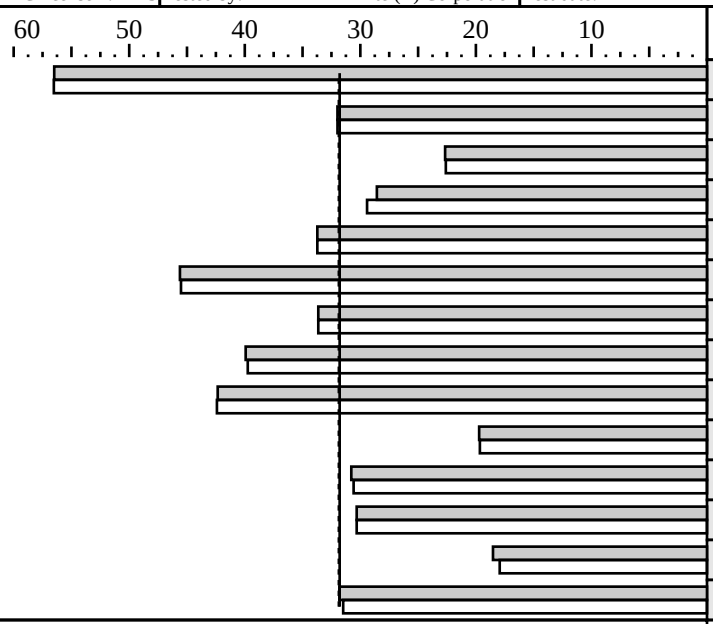
Intel(R) Corporation

Intel(R) D955XBK motherboard(3.20 GHz, Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology)

SPECfp_rate2000 = 31.8

SPECfp_rate_base2000 = 31.9

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Oct-2005 | Hardware Avail: May-2005 | Software Avail: Apr-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	131	56.5	4	131	56.5
171.swim	4	450	32.0	4	450	32.0
172.mgrid	4	369	22.7	4	370	22.6
173.applu	4	341	28.6	4	331	29.4
177.mesa	4	193	33.7	4	193	33.7
178.galgel	4	295	45.6	4	296	45.5
179.art	4	359	33.6	4	359	33.6
183.equake	4	151	39.9	4	152	39.7
187.facerec	4	208	42.3	4	208	42.4
188.ammp	4	518	19.7	4	519	19.7
189.lucas	4	301	30.8	4	303	30.6
191.fma3d	4	321	30.3	4	321	30.3
200.sixtrack	4	276	18.5	4	285	17.9
301.apsi	4	379	31.8	4	383	31.5

Hardware

CPU:	Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology(3.20 GHz, 800 MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD per core
Secondary Cache:	1MB(I+D) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem:	Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel(R) C++ and Fortran Compiler 9.0 for 32-bit Build 20050430Z Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 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 C programs:        -fast shlW32M.lib +FDO
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:  -fast -Qscalar_rep- -Qauto  +FDO
177.mesa:   basepeak=yes
178.galgel:   -fast -Qansi_alias +FDO
179.art:      basepeak=yes
183.equake:   -QxP -Oa -Qrcd -Qipo shlW32M.lib +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO shlW32M.lib
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
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Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
The system bus runs at 800 MHz
```