CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

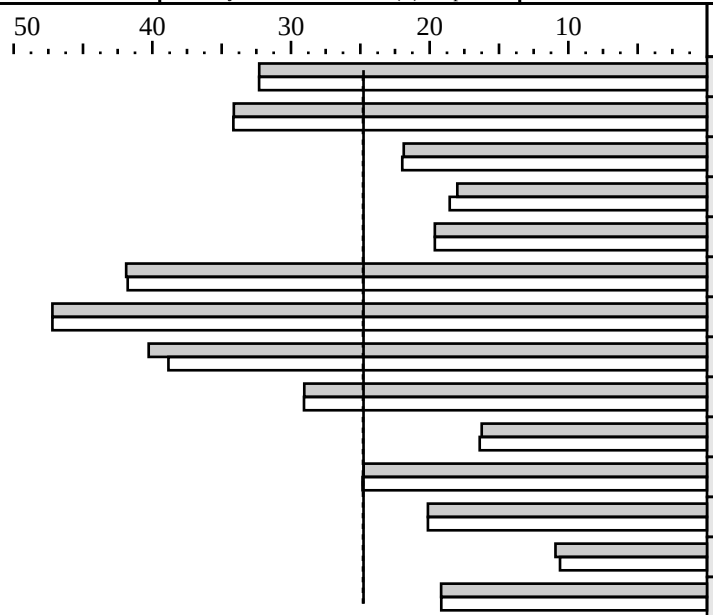
Intel(R) Corporation

Intel(R) D955XBK motherboard(3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECfp_rate2000 = 24.8

SPECfp_rate_base2000 = 24.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	115	32.3	2	115	32.3
171.swim	2	211	34.1	2	211	34.2
172.mgrid	2	191	21.9	2	190	22.0
173.applu	2	271	18.0	2	263	18.6
177.mesa	2	165	19.6	2	165	19.6
178.galgel	2	161	41.9	2	161	41.8
179.art	2	128	47.2	2	128	47.2
183.equake	2	74.9	40.3	2	77.7	38.8
187.facerec	2	152	29.0	2	152	29.1
188.ammp	2	314	16.2	2	311	16.4
189.lucas	2	187	24.8	2	187	24.8
191.fma3d	2	242	20.1	2	242	20.1
200.sixtrack	2	234	10.9	2	241	10.6
301.apsi	2	315	19.2	2	315	19.2

Hardware

CPU:	Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology(3.73 GHz, 1066 MHz bus)
CPU MHz:	3733
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 GB (2 512MB Micron MT16HTF6464AY-667B3, DDR2-667, CL5-5-5)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB 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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
Product description located as of 10/2005
http://www.intel.com/products/motherboard/d955xbk/index.htm
301.apsi:     -fast +FDO
The system bus runs at 1066 MHz
```