CFP2000 Result

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Intel(R) Corporation

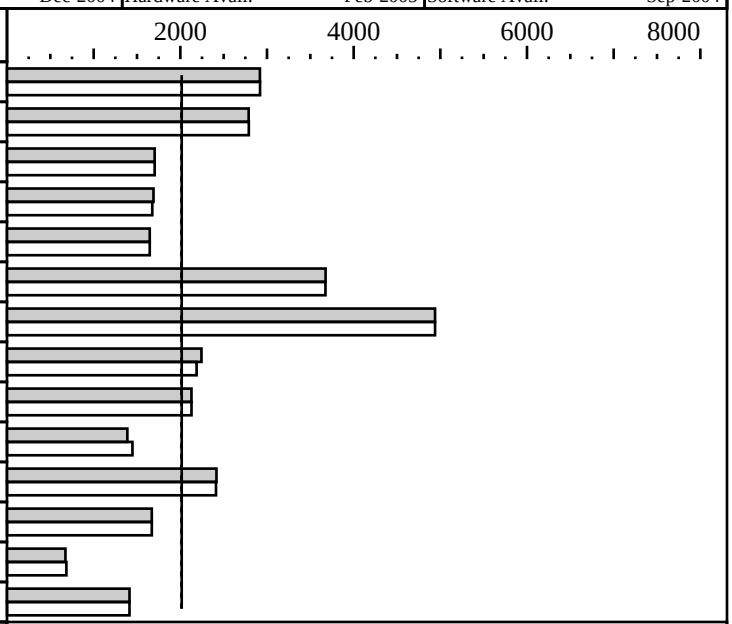
Intel(R) D925XECV2 motherboard(3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECfp2000 = 2016

SPECfp_base2000 = 2013

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2004 | Hardware Avail: Feb-2005 | Software Avail: Sep-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	54.8	2918	54.8	2920
171.swim	3100	111	2788	111	2790
172.mgrid	1800	106	1704	106	1704
173.applu	2100	124	1690	125	1676
177.mesa	1400	85.0	1647	85.0	1647
178.galgel	2900	78.9	3676	78.9	3675
179.art	2600	52.6	4939	52.6	4939
183.equake	1300	57.9	2244	59.4	2188
187.facerec	1900	89.3	2128	89.3	2129
188.ammp	2200	158	1389	152	1448
189.lucas	2000	82.8	2417	82.9	2411
191.fma3d	2100	126	1671	126	1671
200.sixtrack	1100	163	674	161	685
301.apsi	2600	184	1414	184	1413



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 Corsair CM2X512-4300C3 DDR2 533 CL3-3-3 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 8.1 Build 20040802Z Microsoft Visual Studio .Net 2002(for libraries) SmartHeap Library Version 6.0 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -fast -Qansi_alias +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 +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxP
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

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Notes/Tuning Information (Continued)

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 2/2005
http://www.intel.com/design/motherbd/cv2/index.htm?iid=ipp_browse+motherbd_d925xecv2&_
Motherboard is available through Intel(R) Reseller Channel. See
http://www.intel.com/cd/channel/reseller/asmo-na/eng/products/box_desktop_boards/intel_boards/p4_boards/p4_dsk_board_D925XECV2/index.htm
The system bus runs at 1066 MHz