CFP2000 Result

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Intel Corporation

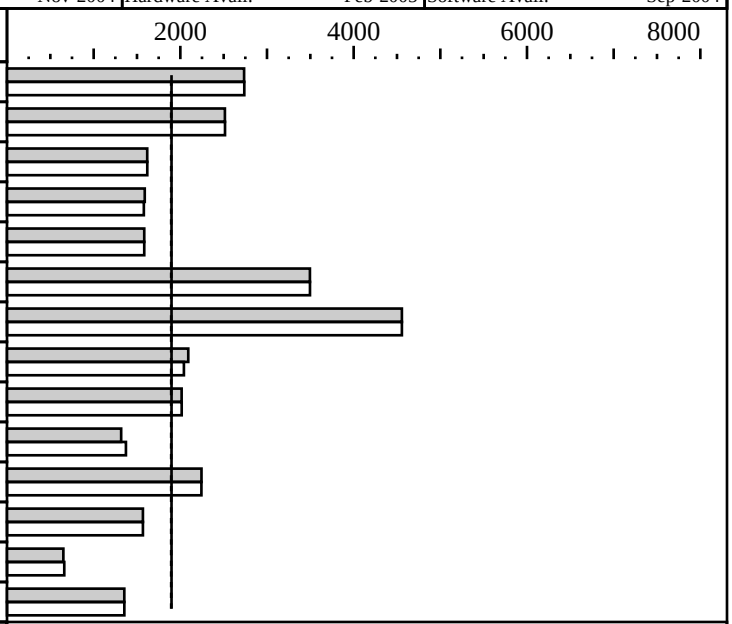
Intel(R) D925XECV2 motherboard(3.6 GHz, Intel(R) Pentium(R) 4 processor 660 supporting Hyper-Threading Technology)

SPECfp2000 = 1898

SPECfp_base2000 = 1894

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	58.5	2736	58.4	2738
171.swim	3100	123	2514	123	2516
172.mgrid	1800	111	1618	111	1619
173.applu	2100	132	1589	133	1579
177.mesa	1400	88.4	1584	88.4	1584
178.galgel	2900	83.0	3495	83.0	3496
179.art	2600	57.1	4556	57.1	4556
183.equake	1300	62.2	2092	63.7	2041
187.facerec	1900	94.3	2015	94.3	2016
188.ammp	2200	167	1317	160	1372
189.lucas	2000	89.1	2244	89.2	2243
191.fma3d	2100	134	1568	134	1568
200.sixtrack	1100	169	650	166	661
301.apsi	2600	192	1354	192	1354



Hardware

CPU:	Intel(R) Pentium(R) 4 processor 660 supporting Hyper-Threading Technology (3.6 GHz, 800 MHz bus)
CPU MHz:	3600
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 MT16HTF6464AG-53EB2 DDR2 533 CL4-4-4 DIMMs)
Disk Subsystem:	Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP1a
Compiler:	Intel 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 800 MHz