



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.quake	1300	57.9	2244	59.4	2188	
187.facerec	1900	89.3	2128	89.3	2129	
188.amp	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.quake: -QxP -Oa -Qrcd -Qipo +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -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/asm-na/eng/products/box_desktop_boards/intel_boards/p4_boards/p4_dsk_board_D925XECV2/index.htm

The system bus runs at 1066 MHz