CFP2000 Result

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Intel Corporation

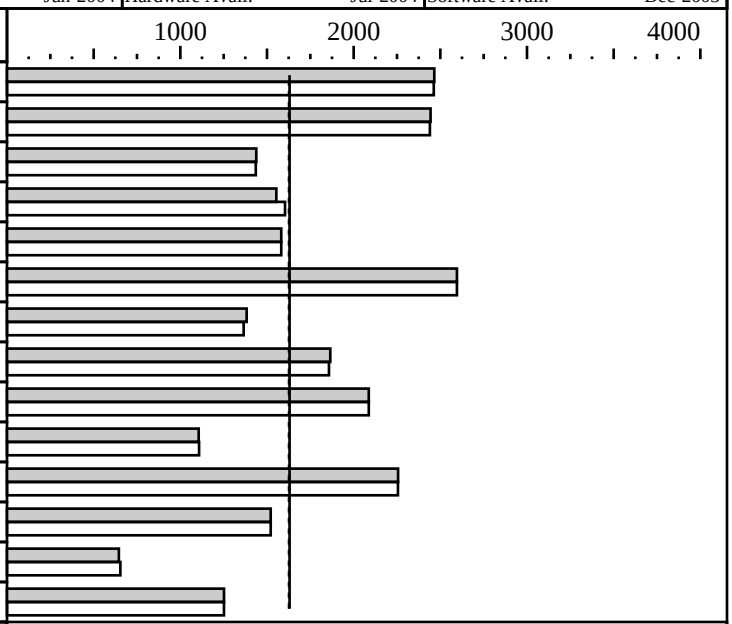
Intel D925XCV (AA-400) motherboard (3.6 GHz, Pentium 4 Processor with HT Technology)

SPECfp2000 = 1630

SPECfp_base2000 = 1627

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2004 | Hardware Avail: Jul-2004 | Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	64.9	2465	65.0	2462
171.swim	3100	127	2444	127	2440
172.mgrid	1800	125	1438	125	1435
173.applu	2100	135	1554	131	1604
177.mesa	1400	88.5	1582	88.5	1582
178.galgel	2900	112	2596	112	2596
179.art	2600	188	1383	190	1365
183.equake	1300	69.7	1865	70.0	1858
187.facerec	1900	91.0	2087	91.0	2087
188.ammp	2200	199	1106	199	1108
189.lucas	2000	88.6	2256	88.7	2256
191.fma3d	2100	138	1521	138	1521
200.sixtrack	1100	170	645	168	654
301.apsi	2600	208	1252	208	1252



Hardware

CPU:	Intel Pentium 4 Processor with HT Technology (3.6 GHz, 800 MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip with HT Technology enabled
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	1MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 GB (2x512MB PC2-4300 DDRII 533 CL4-4-4 Micron MT16HTF6464AG-53EB2)
Disk Subsystem:	Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)
Other Hardware:	None

Software

Operating System:	Windows XP Professional Service Pack 1a
Compiler:	Intel C++ and Fortran Compiler 8.0 Build 20031017Z Microsoft Visual Studio .Net 7.0(for libraries) MicroQuill SmartHeap library V6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use (-QxP not used in PASS1)
Base tuning:  -QxP -fast -Qansi_alias +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -QxP -fast -Qansi_alias +FDO
171.swim:     -QxP -fast -Qansi_alias +FDO
172.mgrid:    -QxP -fast -Qansi_alias +FDO
173.applu:    -QxP -fast -Qscalar_rep- -Qauto  +FDO
177.mesa:     -QxP -fast -Oa -Qscalar_rep- +FDO
178.galgel:   -QxP -fast -Qansi_alias +FDO
179.art:      -Oa -Qipo -Qunroll4 -Zp4
183.equake:   -QxP -Oa -Qrcd -Qipo +FDO
187.facerec:  -QxP -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxP
189.lucas:    -QxP -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

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Notes/Tuning Information (Continued)

200.sixtrack: -Qipo -QxP +FDO
301.apsi: -QxP -fast +FDO
Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1
Product description located as of 6/2004:
http://developer.intel.com/design/motherbd/bc/index.htm
Motherboard is available through Intel OEM Distribution Channel. See
http://www.intel.com/cd/channel/reseller/asmo-na/eng/products/box_desktop_boards/intel_boards/p4_boards/p4_dsk_board_d925xbc/index.htm
The system bus runs at 800 MHz
shlW32M.lib is the SmartHeap library V6.0 from http://www.microquill.com/smartheap/index.html
An PCIe-16 video card is installed and HT Technology is enabled