CINT2000 Result

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Intel Corporation

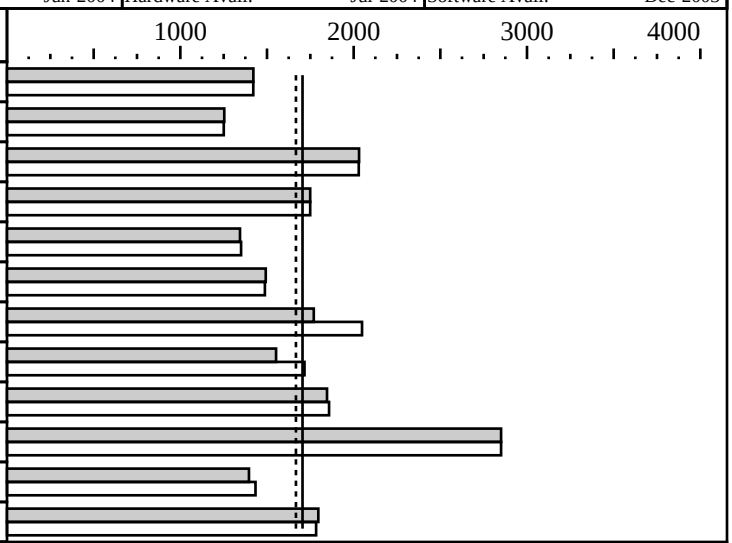
Intel D925XCV (AA-400) motherboard (3.4 GHz, Pentium 4 Processor with HT Technology Extreme Edition)

SPECint2000 = 1705

SPECint_base2000 = 1667

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
164.gzip	1400	98.5	1421	98.5	1421
175.vpr	1400	112	1254	112	1251
176.gcc	1100	54.2	2031	54.2	2029
181.mcf	1800	103	1749	103	1749
186.crafty	1000	74.4	1344	74.0	1350
197.parser	1800	121	1493	121	1488
252.eon	1300	73.5	1770	63.5	2048
253.perlbmk	1800	116	1552	105	1716
254.gap	1100	59.6	1846	59.2	1858
255.vortex	1900	66.7	2850	66.7	2850
256.bzip2	1500	107	1396	105	1434
300.twolf	3000	167	1796	168	1783



Hardware

CPU:	Intel Pentium 4 Processor with HT Technology Extreme Edition(3.4 GHz, 800 MHz bus)
CPU MHz:	3400
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:	512KB(I+D) on chip
L3 Cache:	2MB(I+D) on chip
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++ 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
Base tuning for C programs:   -QxN -fast -Qansi_alias +FDO
Base tuning for C++ programs: -QxN -fast -GX -GR
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -QxN -fast -Qansi_alias -Oa  +FDO
175.vpr:      -QxN -fast -Qansi_alias +FDO
176.gcc:      -QxN -fast -Qansi_alias +FDO
181.mcf:      -QxN -fast -Qansi_alias +FDO
186.crafty:   -QxN -fast -Qansi_alias -Oa +FDO
197.parser:   -QxN -fast -Qansi_alias  +FDO
252.eon:      -QxN -O2 -Qipo +FDO
253.perlbmk:  -QxN -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      -QxN -fast -Qunroll1 -Zp8 +FDO
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

300.twolf: -QxN -fast -O3 +FDO shlW32M.lib
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
A PCIe-16 video card is installed and HT Technology is enabled