CINT2000 Result

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Intel Corporation

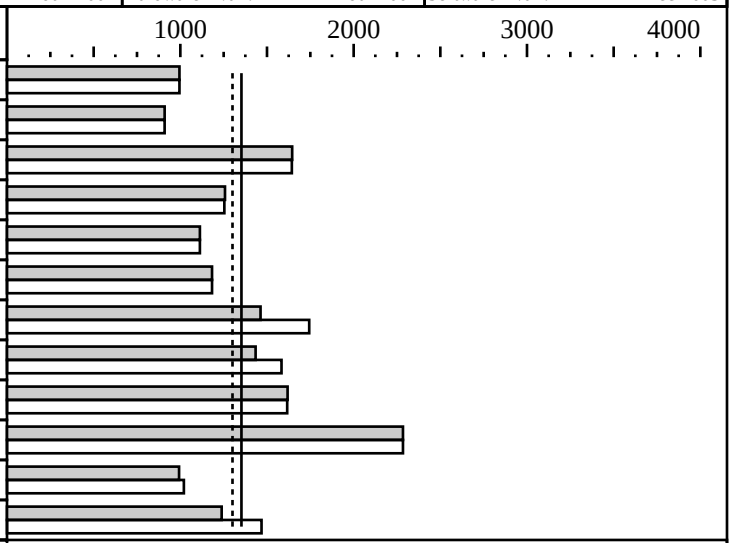
Intel D925XCV (AA-400) motherboard (3.0E GHz, Pentium 4 Processor with HT Technology)

SPECint2000 = 1353

SPECint_base2000 = 1301

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	141	995	141	995
175.vpr	1400	154	909	154	909
176.gcc	1100	66.9	1645	66.9	1643
181.mcf	1800	143	1258	144	1254
186.crafty	1000	89.9	1113	89.9	1113
197.parser	1800	152	1183	152	1183
252.eon	1300	88.9	1463	74.6	1744
253.perlbmk	1800	126	1434	114	1584
254.gap	1100	68.0	1619	68.0	1617
255.vortex	1900	83.2	2284	83.2	2284
256.bzip2	1500	151	993	147	1020
300.twolf	3000	242	1238	204	1468



Hardware

CPU:	Intel Pentium 4 Processor with HT Technology (3.0E GHz, 800 MHz bus)
CPU MHz:	3000
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++ 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 for C programs:   -QxP -fast -Qansi_alias +FDO
Base tuning for C++ programs: -QxP -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:     -QxP -fast -Qansi_alias -Oa  +FDO
175.vpr:      -QxP -fast -Qansi_alias +FDO
176.gcc:      -QxP -fast -Qansi_alias +FDO
181.mcf:      -QxP -fast -Qansi_alias +FDO
186.crafty:   -QxP -fast -Qansi_alias -Oa +FDO
197.parser:   -QxP -fast -Qansi_alias  +FDO
252.eon:      -QxP -O2 -Qipo +FDO
253.perlbmk:  -QxP -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      -QxP -fast -Qunroll1 -Zp8 +FDO
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

300.twolf: -QxP -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
An PCIe-16 video card is installed and HT Technology is enabled