CINT2000 Result

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Intel Corporation

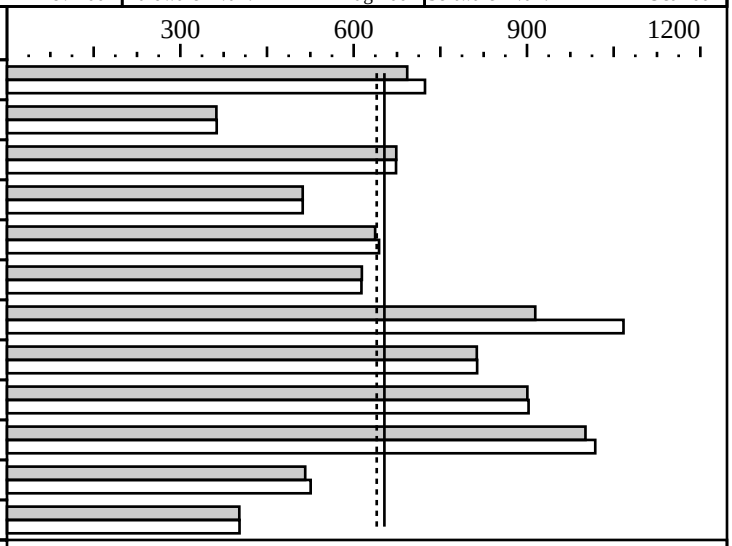
Intel D850MD motherboard (2.0 GHz, Pentium 4 processor)

SPECint2000 = 653

SPECint_base2000 = 640

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Nov-2001 | Hardware Avail: Aug-2001 | Software Avail: Oct-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	202	693	194	723
175.vpr	1400	386	362	386	363
176.gcc	1100	163	674	163	673
181.mcf	1800	352	512	352	512
186.crafty	1000	157	637	155	644
197.parser	1800	293	614	293	613
252.eon	1300	142	914	122	1067
253.perlbmk	1800	221	813	221	814
254.gap	1100	122	901	122	903
255.vortex	1900	190	1001	187	1018
256.bzip2	1500	291	516	285	526
300.twolf	3000	746	402	745	402



Hardware

CPU:	Pentium 4 processor (2.0 GHz, 400 MHz bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 8KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB (2 128 MB PC800 RDRAM non-ECC modules)
Disk Subsystem:	IBM DTLA-307030 ATA-100
Other Hardware:	None

Software

Operating System:	Windows XP Professional(Build 2600)
Compiler:	Intel C++ Compiler 5.0.1 Build 010525Z Microsoft Visual C++ 6.0 SP5(for libraries)
File System:	FAT32
System State:	Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxW -Qipo  +FDO
Base tuning for C++ programs: -QxW -Qipo -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:     -QxW -Qipo -Oa  +FDO
175.vpr:      -QxW -Qwp_ipo +FDO
176.gcc:      -QxW -Qipo  +FDO
181.mcf:      -QxW -Qipo  +FDO
186.crafty:   -QxW -Qipo -Oa  +FDO
197.parser:   -QxW -Qipo  +FDO
252.eon:      -QxW -Qipo +FDO
253.perlbmk:  -QxW -Qipo  +FDO
254.gap:      -QxW -Qipo +FDO
Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B
Product description located as of 1/2002:
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Notes/Tuning Information (Continued)

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http://developer.intel.com/design/motherbd/md/index.htm
Motherboard ordering information is available at:
http://program.intel.com/shared/products/boards/D850MD/index.htm
The system bus runs at 400 MHz
```