CINT2000 Result

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Intel Corporation

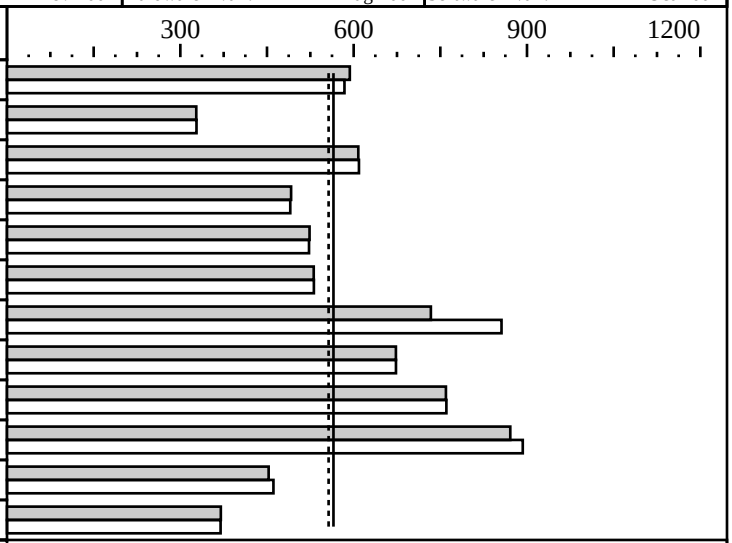
Intel D850MD motherboard (1.6 GHz, Pentium 4 processor)

SPECint2000 = 565

SPECint_base2000 = 557

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	236	593	240	584
175.vpr	1400	427	328	427	328
176.gcc	1100	181	608	181	609
181.mcf	1800	366	492	367	490
186.crafty	1000	191	524	191	523
197.parser	1800	339	531	339	531
252.eon	1300	177	734	152	856
253.perlbmk	1800	267	673	267	673
254.gap	1100	145	760	145	760
255.vortex	1900	218	871	213	893
256.bzip2	1500	331	453	325	461
300.twolf	3000	811	370	812	370



Hardware

CPU:	Pentium 4 processor (1.6 GHz, 400 MHz bus)
CPU MHz:	1600
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
```