CINT2000 Result

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Intel Corporation

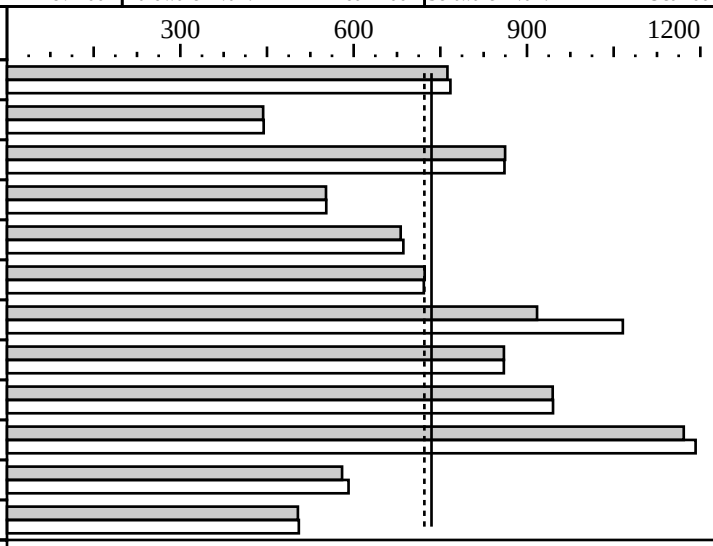
Intel D850MD motherboard (2.0A GHz, Pentium 4 processor)

SPECint2000 = 735

SPECint_base2000 = 722

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Nov-2001 | Hardware Avail: Jan-2002 | Software Avail: Oct-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	184	762	182	767
175.vpr	1400	316	443	315	444
176.gcc	1100	128	862	128	861
181.mcf	1800	326	552	326	553
186.crafty	1000	147	681	146	686
197.parser	1800	249	723	250	721
252.eon	1300	142	917	122	1066
253.perlbmk	1800	209	860	209	860
254.gap	1100	116	944	116	945
255.vortex	1900	162	1171	159	1192
256.bzip2	1500	259	580	254	591
300.twolf	3000	596	503	594	505



Hardware

CPU:	Pentium 4 processor (2.0A 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:	512KB(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)

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