CINT2000 Result

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Intel Corporation

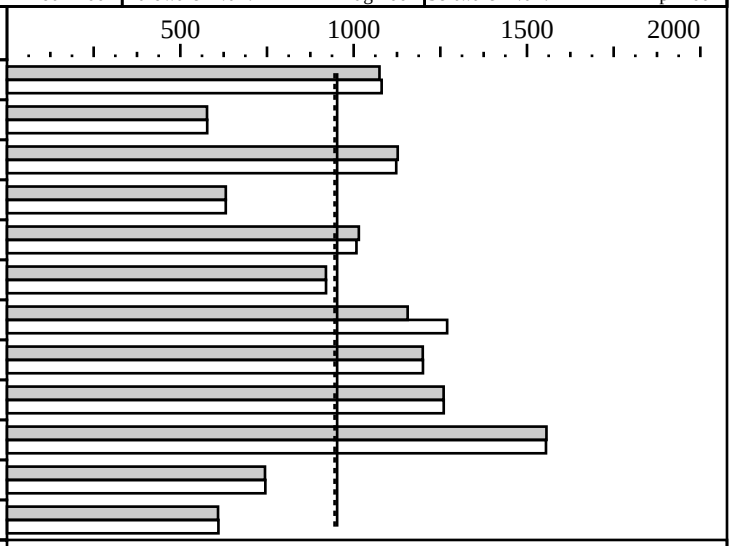
Intel D850EMV2 motherboard (2.67 GHz, Pentium 4 processor)

SPECint2000 = 952

SPECint_base2000 = 945

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2002 | Hardware Avail: Aug-2002 | Software Avail: Apr-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	130	1074	130	1081
175.vpr	1400	243	577	242	578
176.gcc	1100	97.6	1127	98.0	1123
181.mcf	1800	285	631	285	631
186.crafty	1000	98.5	1015	99.2	1008
197.parser	1800	196	920	196	920
252.eon	1300	112	1156	102	1270
253.perlbmk	1800	150	1199	150	1200
254.gap	1100	87.3	1260	87.3	1260
255.vortex	1900	122	1556	122	1555
256.bzip2	1500	202	744	201	745
300.twolf	3000	493	609	492	610



Hardware

CPU:	Pentium 4 processor (2.67 GHz, 533 MHz bus)
CPU MHz:	2667
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 PC800-40 RDRAM non-ECC modules)
Disk Subsystem:	IBM 120GXP 80 GB IC35L080AVVA07-0 ATA-100
Other Hardware:	None

Software

Operating System:	Windows XP Professional(Build 2600)
Compiler:	Intel C++ Compiler 6.0 Build 020321Z Intel Fortran Compiler 6.0 Build 020321Z 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 -O3 +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 -O3 +FDO
175.vpr:      -QxW -Qwp_ipo -O3 +FDO
176.gcc:      -QxW -Qipo -O3 +FDO
181.mcf:      -QxW -Qipo -O3 +FDO
186.crafty:   -QxW -Qipo -Oa -O3 +FDO
197.parser:   -QxW -Qipo -O3 +FDO
252.eon:      -QxW -Qipo -O3 +FDO
253.perlbmk:  -QxW -Qipo -O3 +FDO
254.gap:      -QxW -Qipo -O3 +FDO
Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B
Product description located as of 8/2002:
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Notes/Tuning Information (Continued)

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http://developer.intel.com/design/motherbd/mv2/index.htm
Motherboard ordering information is available at:
http://program.intel.com/shared/products/boards/d850emv2/index.htm
The system bus runs at 533 MHz
```