CINT2000 Result

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Intel Corporation

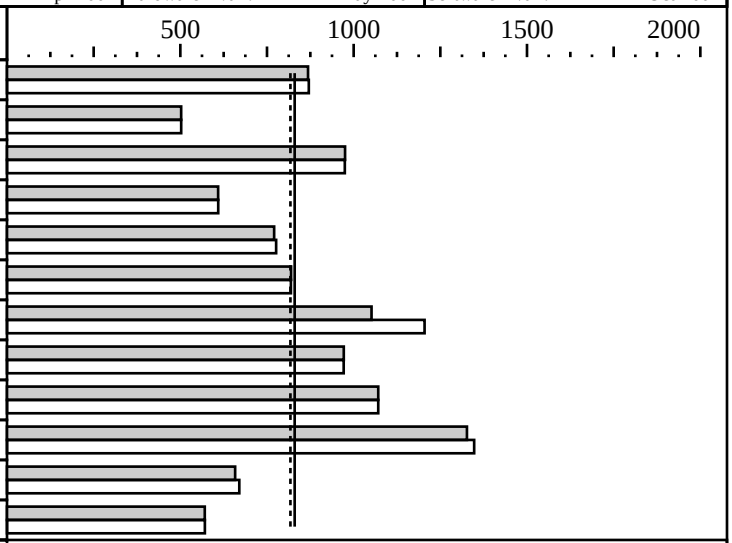
Intel D850EMV2 motherboard (2.26 GHz, Pentium 4 processor)

SPECint2000 = 830

SPECint_base2000 = 818

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	161	868	161	871
175.vpr	1400	279	502	279	502
176.gcc	1100	113	975	113	974
181.mcf	1800	296	609	295	609
186.crafty	1000	130	771	129	776
197.parser	1800	220	820	220	819
252.eon	1300	124	1052	108	1205
253.perlbmk	1800	185	971	185	971
254.gap	1100	103	1071	103	1071
255.vortex	1900	143	1327	141	1348
256.bzip2	1500	228	658	224	670
300.twolf	3000	526	570	526	571



Hardware

CPU:	Pentium 4 processor (2.26 GHz, 533 MHz bus)
CPU MHz:	2267
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 5/2002:
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Notes/Tuning Information (Continued)

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