CINT2000 Result

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Intel Corporation

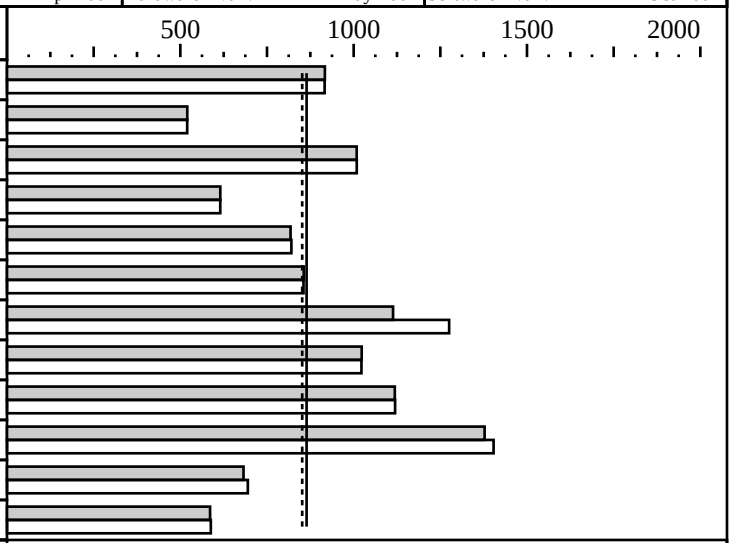
Intel D850EMV2 motherboard (2.4 GHz, Pentium 4 processor)

SPECint2000 = 864

SPECint_base2000 = 852

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	153	917	153	916
175.vpr	1400	269	520	269	520
176.gcc	1100	109	1009	109	1009
181.mcf	1800	293	615	293	615
186.crafty	1000	122	818	122	820
197.parser	1800	210	856	210	855
252.eon	1300	117	1114	102	1275
253.perlbmk	1800	176	1023	176	1022
254.gap	1100	98.3	1119	98.3	1119
255.vortex	1900	138	1378	135	1404
256.bzip2	1500	220	682	216	695
300.twolf	3000	512	586	510	588



Hardware

CPU:	Pentium 4 processor (2.4 GHz, 533 MHz bus)
CPU MHz:	2400
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