CINT2000 Result

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Intel Corporation

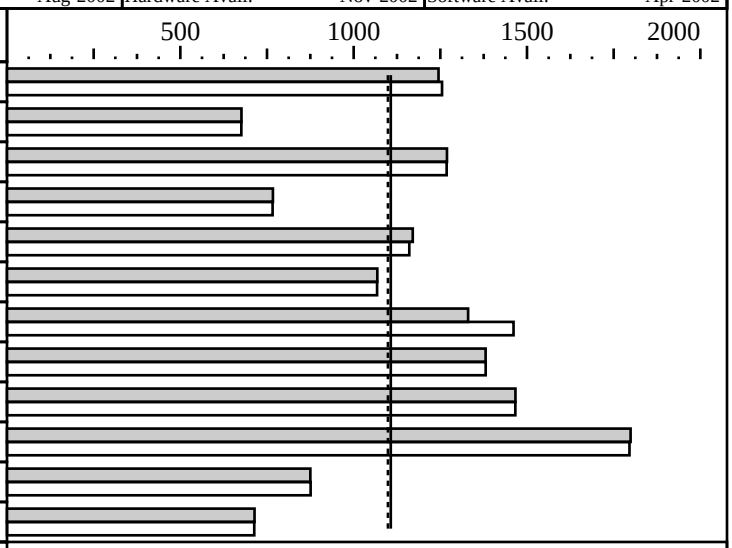
Intel D850EMVR motherboard (3.06 GHz, Pentium 4 processor with Hyper-Threading Technology)

SPECint2000 = 1107

SPECint_base2000 = 1099

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	112	1245	112	1255
175.vpr	1400	207	676	207	676
176.gcc	1100	86.7	1269	86.7	1268
181.mcf	1800	235	767	235	766
186.crafty	1000	85.4	1170	86.2	1160
197.parser	1800	169	1068	169	1068
252.eon	1300	97.7	1330	89.0	1461
253.perlbmk	1800	130	1381	130	1381
254.gap	1100	75.0	1467	75.0	1466
255.vortex	1900	106	1799	106	1796
256.bzip2	1500	171	875	171	876
300.twolf	3000	420	714	421	713



Hardware

CPU:	Intel Pentium 4 Processor with Hyper-Threading Technology(3.06 GHz, 533 MHz bus)
CPU MHz:	3067
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
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 PC1066-32 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 10/2002:
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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
```