



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	500 1000 1500 2000			
164.gzip	1400	112	1245	112	1255	[Bar chart showing ratio 1255]			
175.vpr	1400	207	676	207	676	[Bar chart showing ratio 676]			
176.gcc	1100	86.7	1269	86.7	1268	[Bar chart showing ratio 1268]			
181.mcf	1800	235	767	235	766	[Bar chart showing ratio 766]			
186.crafty	1000	85.4	1170	86.2	1160	[Bar chart showing ratio 1160]			
197.parser	1800	169	1068	169	1068	[Bar chart showing ratio 1068]			
252.eon	1300	97.7	1330	89.0	1461	[Bar chart showing ratio 1461]			
253.perlbmk	1800	130	1381	130	1381	[Bar chart showing ratio 1381]			
254.gap	1100	75.0	1467	75.0	1466	[Bar chart showing ratio 1466]			
255.vortex	1900	106	1799	106	1796	[Bar chart showing ratio 1796]			
256.bzip2	1500	171	875	171	876	[Bar chart showing ratio 876]			
300.twolf	3000	420	714	421	713	[Bar chart showing ratio 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.crafty: -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)

<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