



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.perlbnk	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

+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.crafty: -DNT_i386

253.perlbnk: -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.perlbnk: -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:

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org



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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