



CINT2000 Result

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Intel Corporation

Intel D850MD motherboard (1.9 GHz, Pentium 4 processor)

SPECint2000 = 633

SPECint_base2000 = 621

SPEC license #: 13 Tested by: Intel Corporation Test date: Nov-2001 Hardware Avail: Aug-2001 Software Avail: Oct-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	209	671	205	683
175.vpr	1400	393	356	394	355
176.gcc	1100	167	660	167	660
181.mcf	1800	354	508	355	508
186.crafty	1000	164	611	162	617
197.parser	1800	303	594	303	594
252.eon	1300	149	871	128	1016
253.perlbmk	1800	230	782	230	782
254.gap	1100	127	869	126	870
255.vortex	1900	195	974	192	990
256.bzip2	1500	299	502	294	510
300.twolf	3000	760	395	760	395

Hardware

CPU: Pentium 4 processor (1.9 GHz, 400 MHz bus)
 CPU MHz: 1900
 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: 256KB(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.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 1/2002:



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Notes/Tuning Information (Continued)

<http://developer.intel.com/design/motherbd/md/index.htm>

Motherboard ordering information is available at:

<http://program.intel.com/shared/products/boards/D850MD/index.htm>

The system bus runs at 400 MHz