



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850EMV2 motherboard (2.2 GHz, Pentium 4 processor)

SPECint2000 = 811

SPECint_base2000 = 808

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	154	911	153	915	
175.vpr	1400	276	508	276	507	
176.gcc	1100	117	943	117	939	
181.mcf	1800	312	576	312	577	
186.crafty	1000	118	848	119	840	
197.parser	1800	232	777	232	777	
252.eon	1300	138	940	129	1010	
253.perlbmk	1800	181	996	181	996	
254.gap	1100	104	1053	104	1053	
255.vortex	1900	138	1372	139	1363	
256.bzip2	1500	234	642	233	643	
300.twolf	3000	561	534	561	535	

Hardware

CPU: Pentium 4 processor (2.2 GHz, 400 MHz bus)
CPU MHz: 2200
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 PC800-40 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

+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 8/2002:



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850EMV2 motherboard (2.2 GHz, Pentium 4 processor)

SPECint2000 = 811

SPECint_base2000 = 808

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

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 400 MHz