



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850GB motherboard(1.8 GHz, Pentium 4 processor)

SPECint2000 = 609

SPECint_base2000 = 596

SPEC license #: 13 Tested by: Intel Corporation Test date: Apr-2001 Hardware Avail: Jul-2001 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	211	664	209	670	
175.vpr	1400	427	328	426	329	
176.gcc	1100	172	639	170	646	
181.mcf	1800	364	495	360	500	
186.crafty	1000	171	583	172	582	
197.parser	1800	334	538	334	539	
252.eon	1300	164	793	138	945	
253.perlbmk	1800	218	825	219	822	
254.gap	1100	135	815	134	820	
255.vortex	1900	224	847	215	882	
256.bzip2	1500	319	470	314	477	
300.twolf	3000	680	441	686	437	

Hardware

CPU: Pentium 4 processor (1.8 GHz, 400 MHz bus)
 CPU MHz: 1800
 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
 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 2000 (Build 2195) Service Pack 1
 Compiler: Intel C/C++ Compiler 5.0 Build 001120, Microsoft Visual C++ 6.0(for libraries)
 Other software: Microquill SmartHeap V5.0
 File System: FAT32
 System State: Default

Notes/Tuning Information

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
 Base tuning for C programs: -QxW -Qipo shlw32M.lib +FDO
 Base tuning for C++ programs: -QxW -Qipo -GX -GR
 shlw32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
 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, 175.vpr, 176.gcc, 181.mcf, 186.crafty, 197.parser
 253.perlbmk, 254.gap, 300.twolf:
 -QxW -Qipo +FDO shlw32M.lib
 255.vortex, 256.bzip2:
 -QxW -Qipo +FDO -Oa shlw32M.lib
 252.eon:
 -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 11/2000:
http://developer.intel.com/design/motherbd/gb/gb_ds.htm



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850GB motherboard(1.8 GHz, Pentium 4 processor)

SPECint2000 = 609

SPECint_base2000 = 596

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Apr-2001 | Hardware Avail: Jul-2001 | Software Avail: Oct-2000

Notes/Tuning Information (Continued)

Motherboard is available through Intel OEM Distribution Channel. See <http://channel.intel.com/business/ibp/boards/d850gb.htm> for more information
The system bus runs at 400 MHz