



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850GB motherboard (1.9 GHz, Pentium 4 processor)

SPECint2000 = 634

SPECint_base2000 = 619

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	204	685	204	687	
175.vpr	1400	419	334	395	354	
176.gcc	1100	168	656	169	652	
181.mcf	1800	354	508	354	508	
186.crafty	1000	163	615	163	614	
197.parser	1800	314	572	315	571	
252.eon	1300	150	868	128	1014	
253.perlbmk	1800	205	878	205	879	
254.gap	1100	128	860	126	873	
255.vortex	1900	226	840	217	876	
256.bzip2	1500	298	504	295	509	
300.twolf	3000	699	429	699	429	

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 2000(Build 2195, SP2)
Compiler: Intel C++ Compiler 5.0.1 Build 010525Z
Microsoft Visual C++ 6.0 SP5(for libraries)
MicroQuill SmartHeap library V6.0
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 V6.0 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: -QxW -Qipo -Oa shlw32M.lib +FDO
175.vpr: -QxW -Qwp_ipo +FDO
176.gcc: -QxW -Qipo shlw32M.lib +FDO
181.mcf: -QxW -Qipo shlw32M.lib +FDO
186.crafty: -QxW -Qipo -Oa shlw32M.lib +FDO
197.parser: -QxW -Qipo shlw32M.lib +FDO
252.eon: -QxW -Qipo +FDO
253.perlbmk: -QxW -Qipo shlw32M.lib +FDO
254.gap: -QxW -Qipo +FDO
255.vortex -QxW -Qwp_ipo -Oa shlw32M.lib +FDO
```



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850GB motherboard (1.9 GHz, Pentium 4 processor)

SPECint2000 = 634

SPECint_base2000 = 619

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

Notes/Tuning Information (Continued)

256.bzip2: -QxW -Qipo -Oa +FDO

300.twolf: -QxW -Qipo shlw32M.lib +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

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