



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850GB motherboard(1.5 GHz, Pentium 4 processor)

SPECint2000 = 536

SPECint_base2000 = 524

SPEC license #: 13 Tested by: Intel Corporation Test date: Nov-2000 Hardware Avail: Nov-2000 Software Avail: Nov-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	200 400 600 800			
164.gzip	1400	253	553	251	557	[Bar chart showing ratio 557]			
175.vpr	1400	469	298	468	299	[Bar chart showing ratio 299]			
176.gcc	1100	187	588	186	592	[Bar chart showing ratio 592]			
181.mcf	1800	380	473	378	476	[Bar chart showing ratio 476]			
186.crafty	1000	201	497	202	495	[Bar chart showing ratio 495]			
197.parser	1800	381	472	381	472	[Bar chart showing ratio 472]			
252.eon	1300	200	650	166	785	[Bar chart showing ratio 785]			
253.perlbmk	1800	256	703	256	703	[Bar chart showing ratio 703]			
254.gap	1100	155	708	155	710	[Bar chart showing ratio 710]			
255.vortex	1900	258	735	251	756	[Bar chart showing ratio 756]			
256.bzip2	1500	357	420	351	427	[Bar chart showing ratio 427]			
300.twolf	3000	744	403	743	404	[Bar chart showing ratio 404]			

Hardware

CPU: Pentium 4 processor (1.5 GHz, 400 MHz bus)
CPU MHz: 1500
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops I + 8KB D
Secondary Cache: 256KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 256MB (2 128MB PC800 RDRAM non-ECC modules)
Disk Subsystem: IBM DTLA-307030 ATA-100
Other Hardware: Creative Labs Annihilator 2

Software

Operating System: Windows 2000(Build 2195)
Compiler: Intel C/C++ Compiler 5.0, 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
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(1.5 GHz, Pentium 4 processor)

SPECint2000 = 536

SPECint_base2000 = 524

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Nov-2000 | Hardware Avail: Nov-2000 | Software Avail: Nov-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