



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

## Intel Corporation

Intel D850EMV2 motherboard (1.5 GHz, Pentium 4 processor)

SPECint2000 = 562

SPECint\_base2000 = 560

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	230	609	233	600	
175.vpr	1400	405	346	405	345	
176.gcc	1100	166	663	166	663	
181.mcf	1800	362	497	362	498	
186.crafty	1000	178	561	179	558	
197.parser	1800	354	508	354	508	
252.eon	1300	203	640	189	689	
253.perlbmk	1800	267	674	267	674	
254.gap	1100	148	746	148	746	
255.vortex	1900	212	898	213	892	
256.bzip2	1500	331	454	330	455	
300.twolf	3000	822	365	820	366	

### 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 + 8KBD on chip  
Secondary Cache: 256KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 256 MB (2 128 MB PC800-40 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:

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850EMV2 motherboard (1.5 GHz, Pentium 4 processor)

SPECint2000 = 562

SPECint\_base2000 = 560

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