



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) D925XECV2 motherboard( 3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECint2000 = 1796

SPECint\_base2000 = 1793

SPEC license #: 13 Tested by: Intel(R) Corporation Test date: Dec-2004 Hardware Avail: Feb-2005 Software Avail: Sep-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	112	1255	112	1247	
175.vpr	1400	111	1262	109	1285	
176.gcc	1100	51.2	2147	51.2	2147	
181.mcf	1800	80.0	2250	80.0	2250	
186.crafty	1000	72.3	1384	72.6	1377	
197.parser	1800	117	1543	116	1549	
252.eon	1300	60.2	2159	59.4	2189	
253.perlbnk	1800	90.0	2001	90.4	1991	
254.gap	1100	54.4	2023	54.4	2023	
255.vortex	1900	60.8	3125	60.8	3125	
256.bzip2	1500	110	1358	110	1365	
300.twolf	3000	165	1819	165	1819	

### Hardware

CPU: Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology (3.73 GHz, 1066 MHz bus)  
CPU MHz: 3733  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 2MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Corsair CM2X512-4300C3 DDR2 533 CL3-3-3 DIMMs)  
Disk Subsystem: Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)  
Other Hardware: N/A

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel(R) C++ Compiler 8.1 Build 20040802Z  
Microsoft Visual Studio .Net 2002(for libraries)  
SmartHeap Library Version 6.0 from <http://www.microquill.com/>  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip: -fast -Qansi_alias -Oa +FDO
175.vpr: -fast -Qansi_alias +FDO
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -Qansi_alias -Oa +FDO
197.parser: -fast -Qansi_alias +FDO
252.eon: -fast +FDO
253.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



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## Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlw32M.lib

Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply

Product description located as of 2/2005

[http://www.intel.com/design/motherbd/cv2/index.htm?iid=ipp\\_browse+motherbd\\_d925xecv2&](http://www.intel.com/design/motherbd/cv2/index.htm?iid=ipp_browse+motherbd_d925xecv2&)

Motherboard is available through Intel(R) Reseller Channel. See

[http://www.intel.com/cd/channel/reseller/asm-na/eng/products/box\\_desktop\\_boards/intel\\_boards/p4\\_boards/p4\\_dsk\\_board\\_D925XECV2/index.htm](http://www.intel.com/cd/channel/reseller/asm-na/eng/products/box_desktop_boards/intel_boards/p4_boards/p4_dsk_board_D925XECV2/index.htm)

The system bus runs at 1066 MHz