



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)

SPECint_rate2000 = 23.0

SPECint_rate_base2000 = 22.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	165	19.6	2	166	19.6
175.vpr	2	212	15.3	2	207	15.7
176.gcc	2	87.6	29.1	2	87.6	29.1
181.mcf	2	173	24.1	2	173	24.1
186.crafty	2	138	16.8	2	138	16.8
197.parser	2	191	21.8	2	191	21.8
252.eon	2	122	24.7	2	120	25.1
253.perlbnk	2	188	22.2	2	188	22.2
254.gap	2	94.8	26.9	2	94.8	26.9
255.vortex	2	124	35.5	2	124	35.5
256.bzip2	2	172	20.2	2	172	20.2
300.twolf	2	270	25.8	2	269	25.8

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&_

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

The system bus runs at 1066 MHz

The tested system has a PCIe graphics card installed