



CINT2000 Result

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Intel(R) Corporation

Intel(R) D975XBX motherboard(3.46 GHz, Intel(R) Pentium(R) processor Extreme Edition 955)

SPECint_rate2000 = 41.1

SPECint_rate_base2000 = 41.1

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Mar-2006 | Hardware Avail: Jan-2006 | Software Avail: Apr-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	180	36.0	4	183	35.4
175.vpr	4	242	26.8	4	238	27.2
176.gcc	4	92.0	55.5	4	92.0	55.5
181.mcf	4	277	30.2	4	277	30.2
186.crafty	4	152	30.5	4	152	30.6
197.parser	4	207	40.4	4	206	40.6
252.eon	4	121	49.7	4	122	49.4
253.perlbnk	4	187	44.8	4	188	44.5
254.gap	4	112	45.4	4	112	45.4
255.vortex	4	132	66.7	4	132	66.7
256.bzip2	4	191	36.5	4	189	36.8
300.twolf	4	290	48.0	4	291	47.9

Hardware

CPU: Intel(R) Pentium(R) processor Extreme Edition 955(3.46 GHz, 1066 MHz bus)
CPU MHz: 3466
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD per core
Secondary Cache: 2MB(I+D) per core
L3 Cache: N/A
Other Cache: N/A
Memory: 1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCO Serial ATA (7200 RPM, 16MB cache)
Other Hardware: ATI Radeon X1900 XTX PCI express

Software

Operating System: Windows XP Professional SP2
Compiler: Intel(R) C++ Compiler 9.0 for 32-bit Build 20050430Z
Microsoft Visual Studio .Net 2003(for libraries)
SmartHeap Library Version 7.4 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 shlw32M.lib
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

The system bus runs at 1066 MHz