CINT2000 Result

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Intel(R) Corporation

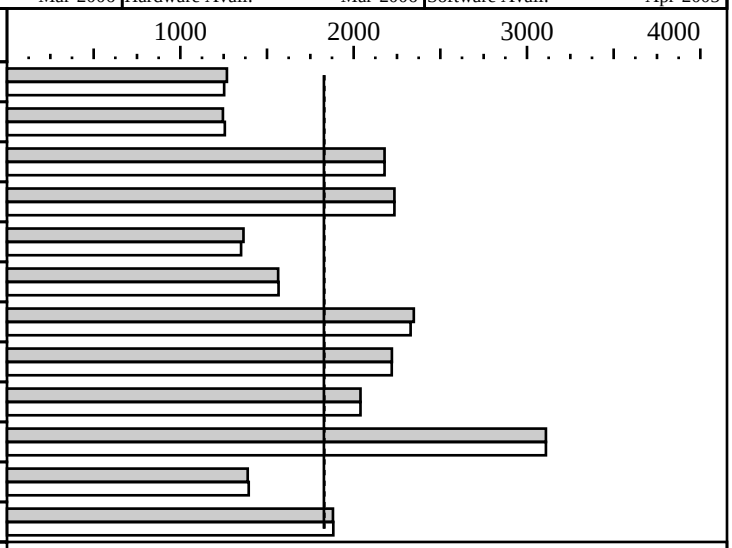
Intel(R) D975XBX motherboard(3.73 GHz, Intel(R) Pentium(R) processor Extreme Edition 965)

SPECint2000 = 1828

SPECint_base2000 = 1831

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	110	1269	112	1253
175.vpr	1400	112	1246	111	1257
176.gcc	1100	50.5	2178	50.5	2178
181.mcf	1800	80.5	2235	80.5	2235
186.crafty	1000	73.3	1364	74.0	1350
197.parser	1800	115	1564	115	1567
252.eon	1300	55.4	2347	55.8	2329
253.perlbmk	1800	81.1	2220	81.1	2220
254.gap	1100	53.9	2039	53.9	2039
255.vortex	1900	61.1	3109	61.1	3109
256.bzip2	1500	108	1389	108	1395
300.twolf	3000	160	1881	159	1883



Hardware

CPU:	Intel(R) Pentium(R) processor Extreme Edition 965(3.73 GHz, 1066 MHz bus)
CPU MHz:	3733
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 NCQ 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

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+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.crafy: -DNT_i386
253.perlbmk: -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.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
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Notes/Tuning Information (Continued)

Product description located as of 03/2006
http://www.intel.com/products/motherboard/D975XBX/index.htm
The system bus runs at 1066 MHz