CINT2000 Result

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Intel(R) Corporation

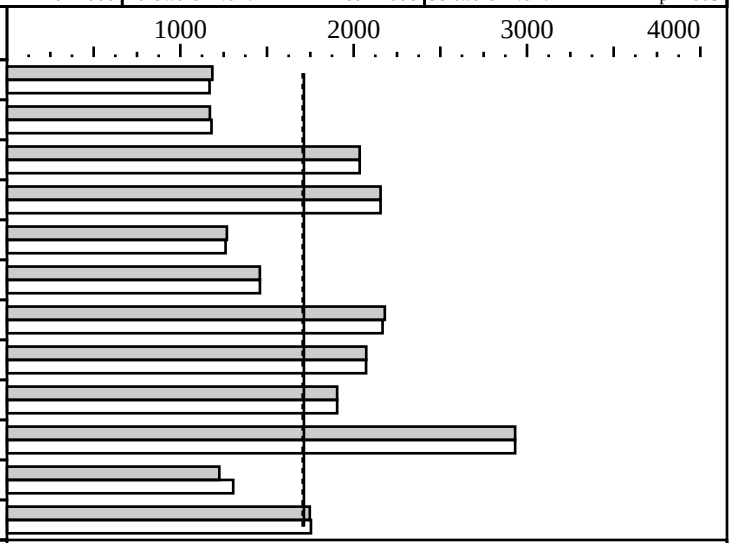
Intel(R) D975XBX motherboard(3.46 GHz, Intel(R) Pentium(R) processor Extreme Edition 955)

SPECint2000 = 1713

SPECint_base2000 = 1706

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	118	1185	120	1169
175.vpr	1400	120	1170	119	1180
176.gcc	1100	54.1	2035	54.1	2035
181.mcf	1800	83.5	2155	83.5	2155
186.crafty	1000	78.8	1269	79.3	1261
197.parser	1800	123	1459	123	1459
252.eon	1300	59.6	2180	60.0	2167
253.perlbmk	1800	86.8	2073	86.9	2072
254.gap	1100	57.8	1905	57.8	1905
255.vortex	1900	64.8	2932	64.8	2932
256.bzip2	1500	122	1225	115	1305
300.twolf	3000	172	1747	171	1754



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 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