CINT2000 Result

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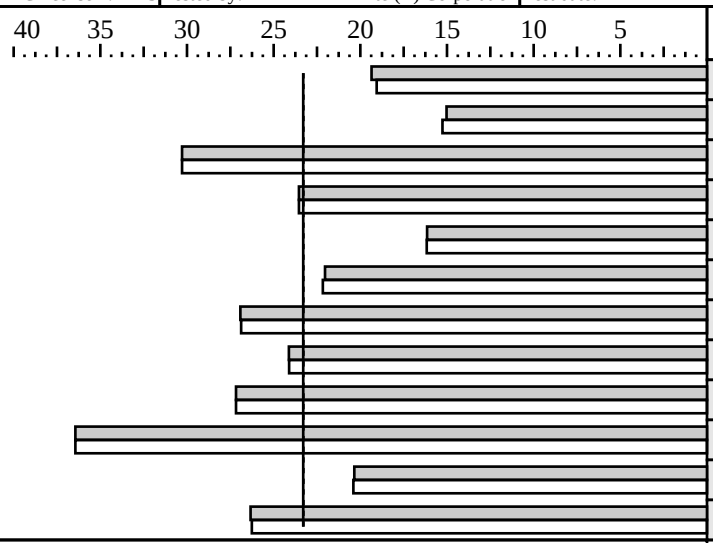
Intel(R) Corporation

Intel(R) D955XBK motherboard(3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECint_rate2000 = 23.3

SPECint_rate_base2000 = 23.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	168	19.4	2	170	19.1
175.vpr	2	216	15.0	2	213	15.3
176.gcc	2	84.3	30.3	2	84.3	30.3
181.mcf	2	177	23.5	2	177	23.5
186.crafty	2	144	16.1	2	143	16.2
197.parser	2	190	22.0	2	188	22.2
252.eon	2	112	26.9	2	112	26.9
253.perlbmk	2	173	24.1	2	173	24.1
254.gap	2	93.9	27.2	2	93.9	27.2
255.vortex	2	121	36.4	2	121	36.4
256.bzip2	2	171	20.3	2	171	20.4
300.twolf	2	264	26.3	2	265	26.3

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 Micron MT16HTF6464AY-667B3, DDR2-667, CL5-5-5)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	N/A

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 10/2005
http://www.intel.com/products/motherboard/d955xbk/index.htm
The system bus runs at 1066 MHz