CINT2000 Result

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CAIRA

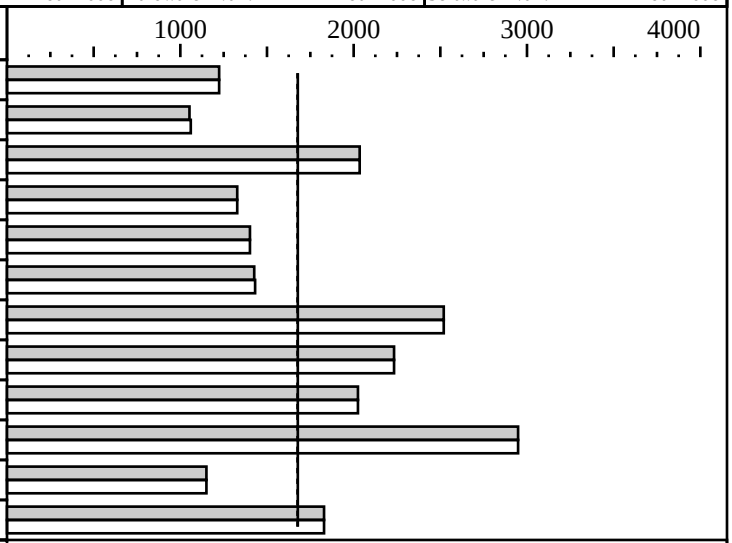
TDEL30 (3.0 GHz Intel(R)Pentium(TM)4 processor)

SPECint2000 = 1678

SPECint_base2000 = 1676

SPEC license #: 3195 | Tested by: CAIRA | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: Jul-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	114	1224	114	1224
175.vpr	1400	133	1053	132	1060
176.gcc	1100	54.1	2035	54.1	2035
181.mcf	1800	136	1328	136	1328
186.crafty	1000	71.3	1402	71.3	1402
197.parser	1800	126	1426	126	1431
252.eon	1300	51.6	2520	51.6	2520
253.perlbmk	1800	80.6	2233	80.6	2233
254.gap	1100	54.3	2025	54.3	2025
255.vortex	1900	64.4	2949	64.4	2949
256.bzip2	1500	130	1151	130	1151
300.twolf	3000	164	1829	164	1829



Hardware

CPU:	Intel(R)Pentium(TM)4 processor (3.0 GHz, 1MB L2, 533MHz system bus)
CPU MHz:	3000
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(I) micro-ops + 16K(D) per chip
Secondary Cache:	1024K(I+D) per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 512 MB ECC DDR2-533 SDRAM
Disk Subsystem:	1 x 250GB SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows XP, Service Pack 2 installed
Compiler:	Intel(R) C++ Compiler for 32-bit, Build 9.1 Intel(R) Fortran Compiler for 32-bit, Build 9.1 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap version 8.0
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.crafy: -DNT_i386
252.eon:
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     basepeak=yes
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   basepeak=yes
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO
254.gap:      basepeak=yes
255.vortex    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO
shwl32m.lib is the micro quill smartheap library version 8 from http://www.microquill.com
```