CINT2000 Result

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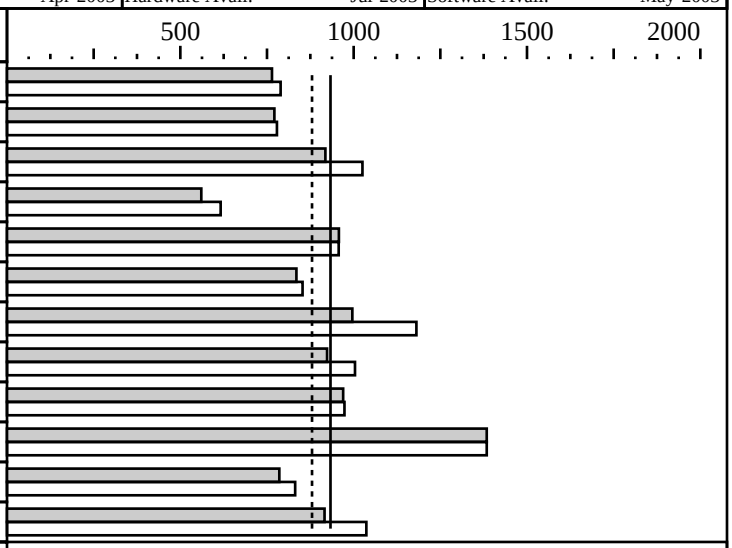
Einux
A4800

SPECint2000 = 933
SPECint_base2000 = 880

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Apr-2003 | Hardware Avail: Jul-2003 | Software Avail: May-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	183	764	177	789
175.vpr	1400	182	771	180	779
176.gcc	1100	120	918	107	1025
181.mcf	1800	321	560	292	616
186.crafty	1000	104	957	105	957
197.parser	1800	216	835	211	853
252.eon	1300	131	996	110	1181
253.perlbmk	1800	195	923	179	1004
254.gap	1100	113	970	113	973
255.vortex	1900	137	1384	137	1384
256.bzip2	1500	191	786	180	831
300.twolf	3000	328	916	289	1037



Hardware

CPU:	AMD Opteron 140, 1.4 GHz
CPU MHz:	1400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	64KBI + 64KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x512MB PC2700 DDR ECC Reg SDRAM CL2.5
Disk Subsystem:	IDE 7200 RPM
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Enterprise Edition
Compiler:	Intel C/C++ 7.0 build 20021212Z Microsoft Visual Studio .NET (libraries)7.0.9466 MicroQuill Smartheap Library 6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
shlW32M6.lib is the SmartHeap library V6.0 from MicroQuill www.microquill.com
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Portability:
  176.gcc:      -Dalloca=_alloca /F10000000
  186.crafty:   -DNT_i386
  253.perlbmk:  -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:      -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Baseline C:           +FD0 -O3 -QxW  -Qipo
Baseline C++:         +FD0           -Qipo -GX  -GR
Peak tuning:
  164.gzip:           +FD0 -O3 -QaxK -Qipo -Oi-
  175.vpr:            +FD0 -O3 -QxW  -Qipo
  176.gcc:            +FD0 -O3 -QxK  -Qipo -Oi-
  181.mcf:            +FD0           -Qipo -Oa
  186.crafty:         +FD0 -O3 -QxW  -Qipo
  197.parser:         +FD0 -O3 -QxW  -Qipo -Oa
  252.eon:            +FD0 -O3 -QaxW -Qipo -Zp4
  253.perlbmk:        +FD0 -O3       -Qipo -Oa  shlW32M6.lib
  254.gap:            +FD0 -O3 -QxW  -Qipo
  255.vortex:         basepeak=1
```

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SPECint_base2000 = 880

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Notes/Tuning Information (Continued)

```
  256.bzip2:           +FD0           -Qipo -Oa  -Qunroll1
  300.twolf:           +FD0     -Qxi  -Qipo      shlW32M6.lib
ONESTEP is used for all base and peak runs
```