CINT2000 Result

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Dell

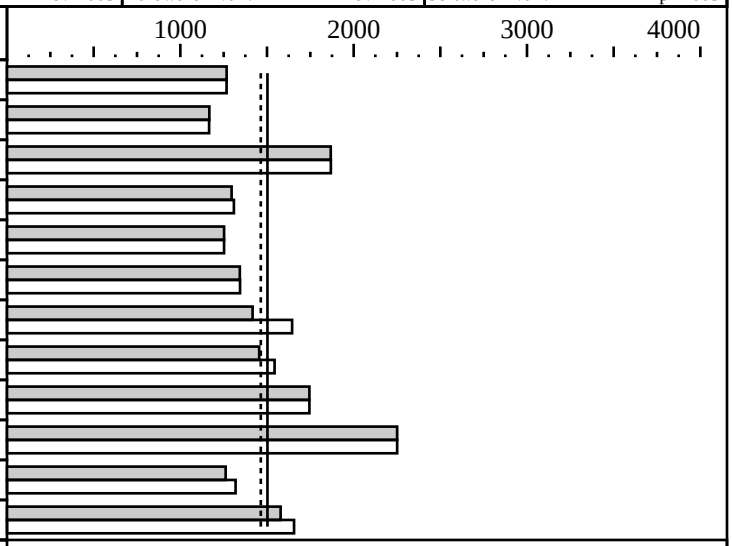
Precision Workstation 360 (3.2 GHz Pentium 4 Extreme Edition)

SPECint2000 = 1503

SPECint_base2000 = 1464

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2003 | Hardware Avail: Nov-2003 | Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	110	1267	111	1267
175.vpr	1400	120	1167	120	1166
176.gcc	1100	58.9	1868	58.9	1868
181.mcf	1800	139	1296	138	1309
186.crafty	1000	79.8	1252	79.9	1252
197.parser	1800	134	1343	134	1344
252.eon	1300	91.8	1417	79.0	1645
253.perlbmk	1800	124	1455	117	1544
254.gap	1100	63.1	1745	63.1	1745
255.vortex	1900	84.4	2251	84.4	2251
256.bzip2	1500	119	1261	114	1319
300.twolf	3000	190	1579	181	1656



Hardware

CPU:	Intel Pentium 4 (800 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4 x 512MB ECC DDR400 SDRAM CL3
Disk Subsystem:	1 x 80GB ATA/100 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ Compiler 7.1 (20030402Z) Microsoft Visual Studio .NET (7.0.9466) MicroQuill SmartHeap Library 6.01
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
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
FEEDBACK DIRECTED OPTIMIZATION
  ONESTEP=yes
  FDO:         PASS1=-Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C:           -QxW -Qipo -O3 +FDO
  C++:         -QxW -Qipo -GX -GR
PEAK TUNING
  164.gzip:    -QxW -Qipo -Oa -O3 +FDO
  175.vpr:     -QxW -Qipo     -O3 +FDO
  176.gcc:     -QxW -Qipo     -O3 +FDO
  181.mcf:     -QxW -Qipo     -O3 +FDO shlW32M.lib
  186.crafty:  -QxW -Qipo     -O3 +FDO
  197.parser:  -QxW -Qipo     -O3 +FDO
  252.eon:     -QxW -Qipo     -O3 +FDO
  253.perlbmk: -QxW -Qipo     -O3 +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    254.gap:     basepeak=yes
    255.vortex   basepeak=yes
    256.bzip2:   -Qipo -Oa -Qunroll1 +FDO
    300.twolf:   -Qipo -QxW -O3 -Oa      shlW32M.lib
  EXTRA LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 6.01
                 www.microquill.com
  NOTES:
    Hyper-Threading Technology not enabled in the BIOS.
```