CINT2000 Result

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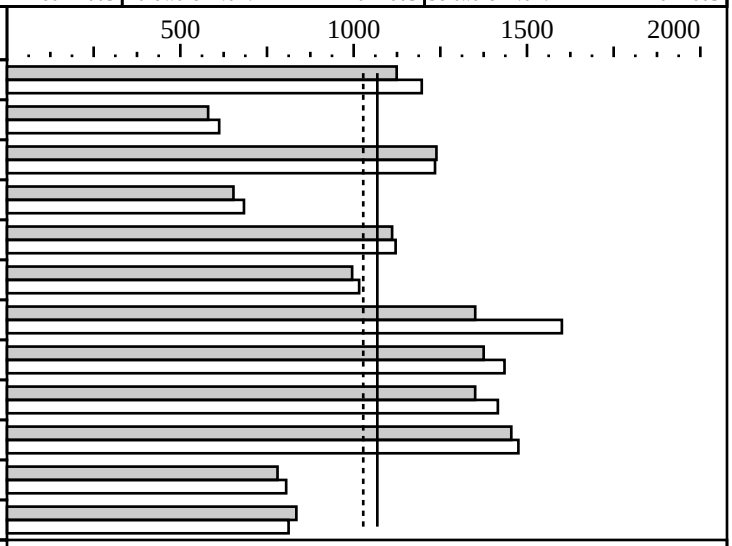
Hewlett-Packard Company
ProLiant DL380 G3(3.06GHz, Intel Xeon)

SPECint2000 = 1068

SPECint_base2000 = 1028

SPEC license #: 3 Tested by: Hewlett-Packard Company, Houston TX Test date: Jun-2003 Hardware Avail: Mar-2003 Software Avail: Mar-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	125	1124	117	1196
175.vpr	1400	241	580	229	612
176.gcc	1100	88.8	1239	89.1	1235
181.mcf	1800	276	653	263	684
186.crafty	1000	90.0	1111	89.2	1121
197.parser	1800	181	996	177	1016
252.eon	1300	96.3	1351	81.2	1601
253.perlbmk	1800	131	1375	125	1435
254.gap	1100	81.5	1350	77.7	1416
255.vortex	1900	131	1455	129	1475
256.bzip2	1500	192	780	186	805
300.twolf	3000	359	835	369	812



Hardware

CPU:	Intel Xeon (3.06GHz, 533MHz bus)
CPU MHz:	3066
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12KBI + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x512MB PC2100
Disk Subsystem:	2x36.4GB U320 15K
Other Hardware:	

Software

Operating System:	Windows 2000 Server (Build 2195 SP3)
Compiler:	Intel C++ Compiler 7.0 Build 20021028Z Microsoft Visual Studio .NET (for libraries) MicroQuill Smartheap Library 6.03
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxW -Qipo +FDO shlw32m.lib
Base tuning for C++ programs: -Qipo -GX -GR +FDO ONESTEP
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:  -QxW -Qipo -O3 +FDO
175.vpr:  -QxW -Qipo -O3 +FDO
176.gcc:  -QxW -Qipo -O3 -Oi- +FDO shlw32M.lib
181.mcf:  -Oa -Qipo +FDO shlw32M.lib
186.crafty:  -QxW -Qipo -O3 +FDO
197.parser:  -QxW -Qipo -Oa -O3 +FDO
252.eon: -QxW -Qipo -O3 +FDO
253.perlbmk: -Qipo -O3 -Oa +FDO shlw32M.lib
254.gap: -QxW -Qipo -O3 +FDO
255.vortex: -QxW -Qipo -O3 +FDO
256.bzip2: -Qunroll1 -Qipo -Oa +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf: -Qxi -Qipo +FDO shlw32M.lib
```