CINT2000 Result

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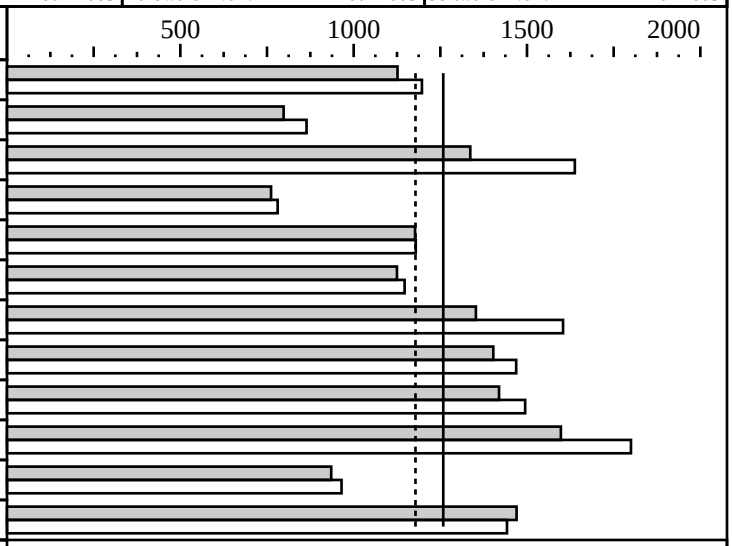
Hewlett-Packard Company
ProLiant DL380 G3(3.06GHz, Intel Xeon)

SPECint2000 = 1258

SPECint_base2000 = 1178

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1126	117	1197
175.vpr	1400	175	798	162	864
176.gcc	1100	82.3	1336	67.2	1638
181.mcf	1800	236	762	231	781
186.crafty	1000	85.0	1177	84.8	1179
197.parser	1800	160	1125	157	1147
252.eon	1300	96.1	1353	81.0	1604
253.perlbmk	1800	128	1403	123	1469
254.gap	1100	77.5	1419	73.6	1495
255.vortex	1900	119	1598	106	1800
256.bzip2	1500	160	935	155	965
300.twolf	3000	204	1470	208	1442



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:	1024KB(I+D) on chip
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