CINT2000 Result

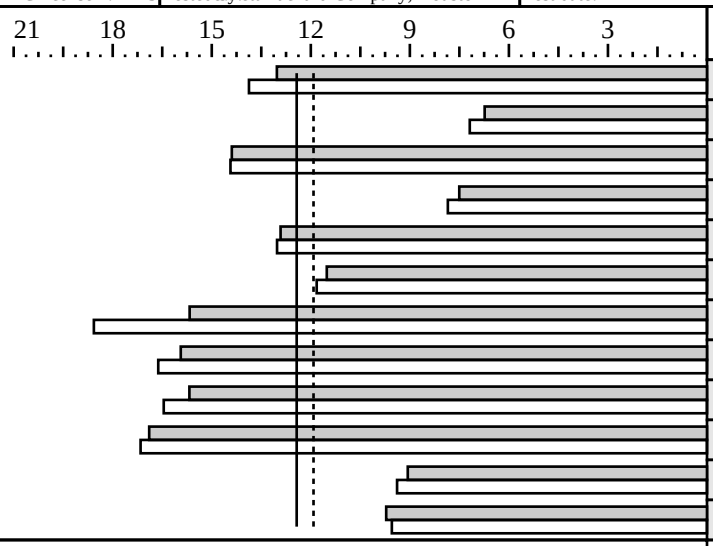
Copyright ©1999-2004, Standard Performance Evaluation Corporation

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

SPECint_rate2000 = 12.4

SPECint_rate_base2000 = 11.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	125	13.0	1	117	13.9
175.vpr	1	241	6.73	1	226	7.19
176.gcc	1	88.7	14.4	1	88.4	14.4
181.mcf	1	278	7.50	1	266	7.85
186.crafty	1	89.8	12.9	1	89.1	13.0
197.parser	1	181	11.5	1	177	11.8
252.eon	1	96.2	15.7	1	81.2	18.6
253.perlbmk	1	131	15.9	1	126	16.6
254.gap	1	81.4	15.7	1	77.5	16.5
255.vortex	1	130	16.9	1	128	17.2
256.bzip2	1	192	9.06	1	185	9.39
300.twolf	1	358	9.72	1	365	9.55

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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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