CINT2000 Result

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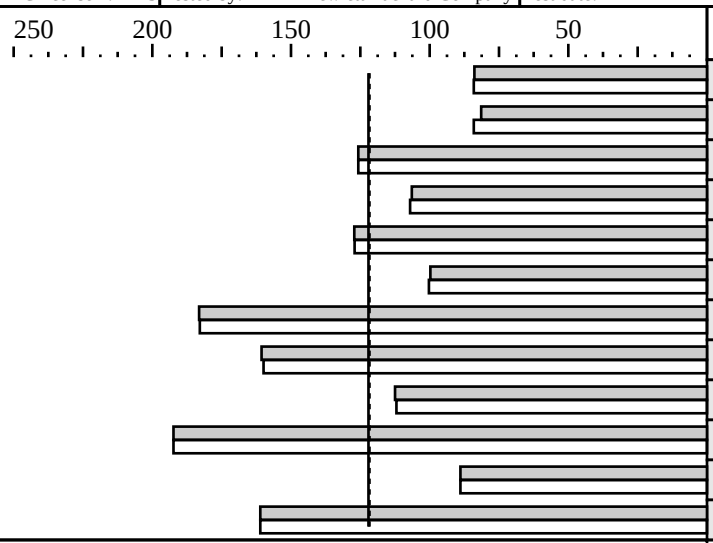
Hewlett-Packard Company

ProLiant DL140 G3 (3.0 GHz, Intel Xeon processor 5160)

SPECint_rate2000 = 122

SPECint_rate_base2000 = 122

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Nov-2006 | Hardware Avail: Jun-2006 | Software Avail: Oct-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	77.5	83.9	4	77.3	84.1
175.vpr	4	79.8	81.4	4	77.3	84.1
176.gcc	4	40.6	126	4	40.6	126
181.mcf	4	78.5	106	4	78.0	107
186.crafty	4	36.5	127	4	36.5	127
197.parser	4	83.7	99.7	4	83.3	100
252.eon	4	32.9	183	4	33.0	183
253.perlbmk	4	52.0	161	4	52.2	160
254.gap	4	45.4	112	4	45.6	112
255.vortex	4	45.8	192	4	45.8	192
256.bzip2	4	78.3	88.9	4	78.3	88.9
300.twolf	4	86.4	161	4	86.4	161

Hardware

CPU:	Intel Xeon processor 5160 (1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB PC2-5300F)
Disk Subsystem:	2 x 36 GB 15K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (version 9.1 Build 20060816Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast         +FDO  ONESTEP=yes shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
Portability flags:
  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
Peak tuning:
  164.gzip:     -fast               +FDO  ONESTEP=yes
  175.vpr:      -fast               +FDO  ONESTEP=yes
  176.gcc:      basepeak=1
  181.mcf:      -fast               +FDO  ONESTEP=yes shlw32M.lib
  186.crafty:   -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  197.parser:   -fast               +FDO  ONESTEP=yes
  252.eon:      -fast               +FDO
  253.perlbmk:  -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  254.gap:      -fast               +FDO  ONESTEP=yes
  255.vortex:   -fast               +FDO  ONESTEP=yes shlw32M.lib
  256.bzip2:    basepeak=1
```

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Notes/Tuning Information (Continued)

```
  300.twolf:    -fast                +FDO                shlw32M.lib
BIOS Configuration Notes
  Adjacent Cache Line Prefetch Disabled
```